

MOUNT ROYAL UNIVERSITY



MOUNT ROYAL
UNIVERSITY
1910



ACADEMIC CALENDAR 2013-2014

CALENDAR STATEMENT

VISION

Creating exceptional learning experiences for a world of possibilities.

FOSTERING SUCCESS AND SATISFACTION

Mount Royal's core purpose is to foster the success and satisfaction of our students in the pursuit of their educational goals.

THE MOUNT ROYAL UNIVERSITY CALENDAR

This calendar will help you learn more about Mount Royal and its programs and courses. Once you have read the material in the calendar, we encourage you to visit our website for further information about our academic programs, admission requirements, student services and student life at Mount Royal.

As you gather the information you need to make decisions, please keep in mind:

- As a student, you are personally responsible for keeping your individual academic records complete and accurate, and ensuring that you meet the graduation requirements of any program in which you enrol.
- By applying for admission to Mount Royal, you will be agreeing to comply with the rules and regulations of Mount Royal, both as they exist and are modified or amended from time to time by the Board of Governors of Mount Royal or other persons with the authority to do so.
- Not all courses listed in this calendar will be offered in the 2013-2014 academic year. Be sure to consult the online Schedule of Classes before registering.

This calendar is published once a year by the Office of the Registrar at Mount Royal. It presents a list of academic programs, courses, policies and regulations about admissions, examinations and fees, as well as general information about Mount Royal.

Should you have any questions about the information in the calendar, please contact the Office of the Registrar.

THIS CALENDAR SETS FORTH AT THE TIME OF ITS PUBLICATION THE INTENTION OF MOUNT ROYAL WITH RESPECT TO ALL MATTERS CONTAINED THEREIN. MOUNT ROYAL RESERVES THE RIGHT WITHOUT PRIOR NOTICE TO DEVIATE FROM WHAT APPEARS IN THE CALENDAR, EITHER IN ORDER TO SERVE THE BEST INTERESTS OF THE UNIVERSITY OR BECAUSE OF CIRCUMSTANCES OR OCCURRENCES BEYOND MOUNT ROYAL'S REASONABLE CONTROL. MOUNT ROYAL EXPRESSLY DENIES RESPONSIBILITY OR LIABILITY TO ANY PERSON WHO MAY SUFFER LOSS OR WHO MAY BE OTHERWISE ADVERSELY AFFECTED BY SUCH CHANGE.

Published 2013

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INFORMATION FOR STUDENTS

HOW TO USE THIS CALENDAR

The calendar is comprised of four major sections:

- Academic Regulations and Policies
- Program Descriptions
- Course Descriptions
- Outline of Services Available for Students

The *Table of Contents* and *Index* will provide more detailed information about calendar content. A *Glossary* is also provided for unfamiliar terms.

The calendar contains important information. It is the responsibility of each student to become familiar with the calendar's content. Particular attention should be paid to the first section, which provides detailed information about admission and registration procedures, examination policy, academic disqualification policy, general graduation requirements and grading practices. Students should also refer to the *Academic Schedule* in the calendar which outlines significant dates and timelines, such as registration and drop/add deadlines, examination dates, holidays and deadline dates for fee refunds.

HOW TO RECEIVE THIS CALENDAR

The Calendar will no longer be printed on a wide scale basis.

In Person

Calendars may be purchased on a print-on-demand basis through the BookStore. Prices will be established at the time of printing and are subject to change.

Online

Calendars can be ordered online on a print-on-demand basis. Please go to bookstore.mtroyal.ca for details.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY ACT

Mount Royal is committed to the protection of privacy and confidentiality of staff and students. The purpose of data collection is directly related to the need of Mount Royal to administer the institution/student relationship. The personal information that students provide when applying for Mount Royal programs and courses is collected under the Post-Secondary Learning Act (s. 65) and the Freedom of Information and Protection of Privacy Act (s. 33 a & c). Personal information is protected by Alberta's Freedom of Information and Protection of Privacy Act and can be reviewed on request. If you have any questions about the collection or use of this information, please contact the Office of the Registrar at 403.440.6346.

Only a student's name, whether or not s/he is registered and the credential awarded (i.e., degree, applied degree, diploma, certificate, etc.) are defined as the student's public record. All other information is considered confidential and will be used and disclosed in accordance with privacy legislation.

Mount Royal may also receive personal information from other relevant sources including, without limitation, secondary schools, other colleges, universities and other institutions previously attended and third-party services and test score providers where the items collected form a part of the admission process to a Mount Royal program.

Data collected by Mount Royal is used for a variety of purposes such as those detailed below. Individuals' information will only be used and disclosed in accordance with privacy legislation.

Academic administration

Aggregate information (i.e., information that does not identify an individual student) on admission, registration, other activities related to attending courses of instruction, academic standing and graduation will be used for statistical, program evaluation and institutional research purposes by Mount Royal. Aggregate information may also be disclosed to other post-secondary educational institutions as well as the provincial and federal governments for similar purposes. Admission information will form part of the student record which will be used to record academic standing, administer awards and financial aid, authorize Library access and produce graduation lists.

Administration of Mount Royal academic support services

An individual's information on admission, registration, academic standing and graduation may be disclosed and used for the routine administration of Mount Royal academic support services including but not restricted to Career Services, the Office of Student Conduct, Student Learning Services, Accessibility Services, Student Counseling, Iniskim Centre, Academic Advising and Financial Services.

Administration of Mount Royal non-academic support services

An individual's information on admission, registration, academic standing and graduation may be disclosed and used for the routine administration of Mount Royal services including but not restricted to the Office of Student Conduct, the Residence Life Program, Recreation, Security Services, Parking Services and Alumni Relations.

Scholarship and Financial Aid

Personal information submitted on scholarship and bursary applications will be used to determine an individual's eligibility for an award and for contact purposes. In the event an award is given, personal information will be used for taxation purposes.

Marketing and Recruitment

Aggregate information on admission, registration, activities related to attending courses of instruction, academic standing and graduation may be used for promotional or recruitment activities.

Cooperation with Students' Association (SAMRU)

Mount Royal also collects information on behalf of the Students Association of Mount Royal (SAMRU) for the purpose of membership administration, elections and the administration of student benefit plans. Students should contact the SAMRU office for additional information.

Disposal of information

All documents submitted to support admission become the property of Mount Royal and will not be returned.

Status of minors

In the absence of specific provincial legislation and consistent with current practice in other post-secondary institutions in Alberta, information pertaining to a minor who is registered at Mount Royal will only be used and disclosed in accordance with privacy legislation.

OTHER PUBLICATIONS

The University produces various brochures about the programs and services it offers. These publications may be ordered free of charge from:

Admissions and Recruitment Office
Mount Royal University
4825 Mount Royal Gate SW
Calgary, AB, Canada T3E 6K6
Phone: 403.440.5000
Toll Free: 1.877.440.5001

mr4u.mymru.ca/ask
Website: mtroyal.ca

MOUNT ROYAL UNIVERSITY CALENDAR 2013 – 2014

SERVICES FOR STUDENTS

For more information on all of the student services available at Mount Royal please visit mtroyal.ca/SiteIndex/index.htm.

Academic Advising Services

advising@mtroyal.ca
403.440.6222

Academic Upgrading Information

open@mtroyal.ca
403.440.6282

Accessibility Services

accessibility@mtroyal.ca
403.440.6868

Admissions and Recruitment

403.440.5000
1.877.440.5001 (toll free)

Alumni

alumni@mtroyal.ca
403.440.7000

BookStore

bookstore@mtroyal.ca
403.440.6300

Campus Card Services

campuscard@mtroyal.ca
403.440.6868

Career Services

studentjobs@mtroyal.ca
403.440.6307

Catering and Food Services

403.440.5610

Child Care Centre

childcare@mtroyal.ca
403.440.6410

Continuing Education Registration

ceregservices@mtroyal.ca
403.440.3833

Counselling Services

counselling@mtroyal.ca
403.440.6326

Credit/Upgrading Registration

creditregistration@mtroyal.ca
403.440.3303

Cougar Athletics

403.440.6516

Diversity and Human Rights Services

tgarrick@mtroyal.ca
403.440.5956

Fees Office

Health Education
wellness@mtroyal.ca
403.440.6369

Health Services

403.440.6326

Iniskim Centre

iniskimcentre@mtroyal.ca
403.440.5596

International Education/Languages Institute

international@mtroyal.ca
403.440.5100

Institute for Non-Profit Studies

403.440.7739

Library

403.440.6140

Lockers

403.440.6914

Mount Royal Conservatory

conservatory@mtroyal.ca
403.440.6821

Multi-Faith Chaplaincy

mverhoef@mtroyal.ca
403.440.8904

Office of the Registrar

403.440.3303
1.877.676.0686

Open Studies and Academic Upgrading

open@mtroyal.ca
403.440.6282

Optimal Therapies

403.440.6917

Parking

parking@mtroyal.ca
403.440.6914

Peer Tutor Program

sls@mtroyal.ca
403.440.6452

Positive Space Initiative

mverhoef@mtroyal.ca
403.440.8904

Recreation

recreation@mtroyal.ca
403.440.6517

Residence Services

residence@mtroyal.ca
403.440.6275

Security

403.440.6897

Skills Investment Program

financialaid@mtroyal.ca
403.440.5168

START Program

ask_START@mtroyal.ca
403.440.6476

Students' Association

info@samru.ca
403.440.6401

Student Awards & Financial Aid

financialaid@mtroyal.ca
403.440.6223

Student Computer Lab and Facilities

itservicedesk@mtroyal.ca
403.440.6000

Student Learning Services

sls@mtroyal.ca
403.440.6452

Switchboard (8:30 a.m. to 4:30 p.m.)

403.440.6111

Transcripts and Student Records

transcriptrequest@mtroyal.ca
403.440.3435

Transfer Credit and Prior Learning Assessment

403.440.5998

Transitional Vocational Program

tvp@mtroyal.ca
403.440.6872

Wellness Services

tgarrick@mtroyal.ca
403.440.5956

TABLE OF CONTENTS

	PAGE		PAGE
Calendar Statement	1	FACULTY OF COMMUNICATION STUDIES	78
Information for Students	2	Bachelor of Communication	79
Services for Students	3	Information Design	79
Academic Schedule	6	Journalism	81
Mount Royal University: An Introduction	8	Public Relations	83
Admission	12	International Communication – Certificate of Achievement	83
Transfer Credit and PLAR	20	Broadcasting – Diploma	85
Registration Information	23	Journalism – Certificate	87
Change of Registration	25	Journalism – Certificate of Achievement	88
Frequently Asked Questions	26	Music Performance – Diploma	89
Online Registration Instructions	27	Theatre Arts – Diploma	91
Registration – Troubleshooting	28		
Fees and Deposits	29	FACULTY OF HEALTH AND COMMUNITY STUDIES	93
Financial Aid	33	Bachelor of Arts – Criminal Justice	95
Academic Regulations	34	Bachelor of Midwifery	98
Academic Status	40	Bachelor of Nursing	102
General Graduation Requirements	42	Bachelor of Applied Business and Entrepreneurship	
Instructional Departments	45	– Sport and Recreation	105
Academic Faculties	50	Bachelor of Applied Child Studies	107
FACULTY OF ARTS	52	Bachelor of Applied Ecotourism and Outdoor Leadership	109
Bachelor of Arts	53	Bachelor of Physical Education (University Transfer)	111
Anthropology	56	Child and Youth Care Counsellor – Diploma	112
English	58	Disability Studies – Diploma	114
History	59	Early Learning and Child Care – Diploma and Certificate	116
Policy Studies	60	Social Work – Diploma	118
Psychology	62	Athletic Therapy – Advanced Certificate	120
Sociology	63	Advanced Studies in Critical Care Nursing – Post-Basic Certificates	122
Spanish	64	Critical Care Nursing	123
Bachelor of Applied Interior Design	66	Emergency Nursing	123
		Neuroscience Nursing	124
BISSETT SCHOOL OF BUSINESS	69	Forensic Studies – Post-Basic Certificate	124
Bachelor of Business Administration	70	Advanced Studies in Perinatal and Neonatal Nursing –	
Accounting	72	Post-Basic Certificate	124
Human Resources	72	Studies in Aging – Aging Stream – Certificate	124
Marketing	73	Studies in Aging – Entrepreneurship Stream – Certificate	124
General Management	73	Bridge to Canadian Nursing – Certificate of Achievement	125
Aviation – Diploma	74		
Business Administration – Certificate	77		
Advanced Accounting	77		
Human Resources	77		
Marketing	77		

TABLE OF CONTENTS

PAGE	PAGE
FACULTY OF SCIENCE AND TECHNOLOGY127	Mount Royal University Courses162
Bachelor of Computer Information Systems128	Glossary285
Bachelor of Science131	Governance288
General Science132	Index305
Cellular and Molecular Biology134	Campus Directory Maps308
Geology135	
Health Science136	
Bachelor of Applied Science – Environmental Science137	
Bachelor of Engineering (University Transfer)138	
Bachelor of Science – Computer Science (University Transfer)139	
Environmental Science – Certificate140	
 FACULTY OF TEACHING AND LEARNING141	
Bachelor of Education – Elementary142	
General Education144	
 MINORS146	
 MISCELLANEOUS PROGRAMS	
Aboriginal Education Program157	
University Entrance Option159	
Open Studies161	

ACADEMIC SCHEDULE

SPRING 2013 SEMESTER

Last day to apply to graduate for Spring 2013 Convocation	February 28, 2013
Last day to apply to attend Spring 2013 Convocation	May 15, 2013
Spring 2013 Convocation	June 7, 2013

FALL 2013 SEMESTER

Apply for Early Admission (applications are accepted ongoing until August 31 or until the program is declared full)	December 1, 2012 – March 1, 2013
Last day to apply to graduate for Fall 2013 Convocation	July 31, 2013
All transcripts/official documents for admitted students due	August 1, 2013
Residence Fees Due	August 1, 2013
Registration Access List	March 4, 2013
Registration opens for continuing students	March 11, 2013
Registration opens for new students	April 8, 2013
Full fees due (registered students only)	August 14, 2013
Last day to add name to Waitlist	August 16, 2013
First day of Fall Semester	September 3, 2013
New Student Orientation	September 3 & 4, 2013
First day of classes	September 5, 2013
Last day to adjust registration (Drop/Add/Cancel) with full tuition refund (less deposit)	September 13, 2013
Last day to pay fees	September 16, 2013
Last day to be re-instated	September 30, 2013
Last day to apply to attend Fall 2013 Convocation	October 15, 2013
Fall 2013 Convocation	November 1, 2013
Reading day	November 12, 2013
Last day to withdraw from a course or program with an award of "W" grade(s)	November 15, 2013
Last day of classes	December 9, 2013
Final examination period*	December 11 – 21, 2013
Fall Semester ends	December 21, 2013

WINTER 2014 SEMESTER

Apply for Early Admission (applications are accepted ongoing until December 23 or until the program is declared full)	October 1, 2013 – November 1, 2013
Registration Access List posted	October 7, 2013
Registration opens for continuing students	October 15, 2013
Registration opens for new students	November 3, 2013
All transcripts/official documents for admitted students due	December 1, 2013
Residence Fees Due	December 2, 2013
Full fees due (registered students only)	December 2, 2013
Last day to add name to Waitlist	December 6, 2013
First day of Winter Semester	January 6, 2014
New Student Orientation	January 6, 2014
First day of classes	January 7, 2014
Last day to adjust registration (Drop/Add/Cancel) with full tuition refund (less deposit)	January 15, 2014
Last day to pay fees	January 16, 2014
Last day to be re-instated	January 31, 2014
Reading break	February 18 – 21, 2014
Last day to withdraw from a course or program with an award of "W" grade(s)	March 21, 2014

Last day of classes	April 11, 2014
Final examination period*	April 14 – 28, 2014
Winter Semester ends	April 28, 2014

SPRING 2014 SEMESTER

First day to apply for new students	February 24, 2014
Last day to apply to graduate for Spring 2014 Convocation	February 28, 2014
Registration Access List posted	March 3, 2014
Registration opens for continuing students	March 10, 2014
Registration opens for new students	March 29, 2014
Last day to add name to Waitlist	April 10, 2014
Residence Fees Due	April 21, 2014
Full fees due (registered students only)	April 28, 2014
First day of classes	May 5, 2014
Last day to adjust registration (Drop/Add/Cancel) with full tuition refund (less deposit)	May 13, 2014
Last day to pay fees	May 14, 2014
Last day to apply to attend Spring 2014 Convocation	May 15, 2014
Last day to be re-instated	May 20, 2014
Spring 2014 Convocation	June 5 & 6, 2014
Last day to withdraw from 6.5-week courses with an award of "W" grade(s)	June 6, 2014
Last day of classes for 6.5-week courses	June 18, 2014
Final examination period for 6.5-week courses*	June 20 & 23, 2014
Last day to withdraw from 13-week courses with an award of "W" grade(s)	July 11, 2014
Last day of classes for 13-week courses	August 5, 2014
Final examination period for 13-week courses*	August 7 & 8, 2014

FALL 2014 SEMESTER

Apply for Early Admission (applications are accepted ongoing until August 31 or until the program is declared full)	October 1, 2013 – February 1, 2014
Registration Access List posted	March 3, 2014
Registration opens for continuing students	March 10, 2014
Registration opens for new students	April 14, 2014
Last day to apply to graduate for Fall 2014 Convocation	July 31, 2014
Last Day to apply to attend Fall 2014 Convocation	October 15, 2014

HOLIDAYS

Labour Day	September 2, 2013
Thanksgiving Day	October 14, 2013
Remembrance Day	November 11, 2013
Christmas and New Year's closure (Recreation Centre open to the public, but administrative and academic offices closed)	December 25, 2013 – January 1, 2014
Family Day	February 17, 2014
Good Friday	April 18, 2014
Easter Monday	April 21, 2014
Victoria Day	May 19, 2014
Canada Day Holiday	July 1, 2014
Calgary Stampede Parade Morning	July 4, 2014
Heritage Day	August 4, 2014

*Students must be available for final examinations up to the last day of the examination period as specified in the Academic Schedule.

The University reserves the right to make adjustments to the calendar, as required.

MOUNT ROYAL UNIVERSITY: AN INTRODUCTION

Established as a college in 1910, Mount Royal became a university in September 2009. Today Mount Royal University continues to build on a century of academic tradition, providing innovative undergraduate programs that meet the needs of students, the wider community and the marketplace. Renowned for its single-minded dedication to student success, Mount Royal University helps graduates prepare for a world of possibilities, whether continuing their studies or in their chosen fields. Mount Royal offers:

- Personalized teaching by professors passionate about learning and scholarship.
- Outstanding academic support services.
- Education as an instrument for individual, community and economic development.
- Open communication, honesty, integrity and respect for individuals.

Mount Royal is a co-educational, non-denominational, publicly supported, post-secondary institution. Graduates leave with a well-rounded knowledge base and strong critical thinking skills, and many enjoy a 100 per cent related work employment rate.

Mount Royal operates under the provincial Post-secondary Learning Act. The conduct, management and control of Mount Royal and all its property, revenue and business affairs are vested in the Board of Governors of Mount Royal University. Mount Royal's Academic Council, called the General Faculties Council, is a body representative of the Mount Royal community that reviews and develops policies concerning the academic activities and recommends academic policies to the Board. Administrative officers appointed by the Board are responsible for the implementation of policy and the operation of Mount Royal. The President is the Chief Executive Officer of the University.

The Students' Association of Mount Royal University (SAMRU) is a legally incorporated body under the Post-Secondary Learning Act. It is responsible for a wide range of extracurricular activities and the appointment of student representatives to Mount Royal committees. The Students' Council, elected to manage the business affairs of the SAMRU, is the official medium of communication between the students of Mount Royal, the administration and the Board of Governors.

HISTORICAL MILESTONES

- 1911** Mount Royal College opens in downtown Calgary under the sponsorship of the Methodist Church
- 1931** Mount Royal becomes a Junior College affiliated with the University of Alberta and introduces first-year university transfer courses
- 1966** Mount Royal becomes a public institution under the Colleges Act of the Province of Alberta
- 1972** Main campus relocates to Lincoln Park
- 1995** Canada's first two applied baccalaureate degree programs are introduced by Mount Royal College
- 1999** Cougars Athletics program receives Canadian Colleges Athletic Supremacy Award for 25 years of excellence
- 2000** Institute for Nonprofit Studies is launched — Canada's first
- 2001** MR begins a \$150-million expansion project
- 2002** The Bissett School of Business is established. The newly-renovated fitness facility opens
- 2004** The Centre for Communication Studies opens (today the Faculty of Communication Studies)
- 2005** The Integrative Health Institute opens

2006 The Centre for Continuous Learning opens; named in honour of Roderick Mah in 2008. Mount Royal's first endowed Chair, named for Hon. Ralph Klein, established in the Faculty of Communication Studies

2007 Mount Royal's first degree, the Bachelor of Nursing is launched. Inskim Centre opens, fostering academic success for Aboriginal students

2008 Launch of the Bachelor of Arts, Bachelor of Arts — Criminal Justice, Bachelor of Science, Bachelor of Communication, and Bachelor of Business Administration. The Faculty of Teaching and Learning — unique in Canada — is established. The Institute for Scholarship of Teaching and Learning opens. The Criminal Justice Research Lab opens

2009 Launch of the Bachelor of Computer Information Systems. The Centre for Child Well-Being opens. The Government of Alberta approves Mount Royal's request to use "university" in its name. Mount Royal University becomes a member of the Association of Universities and Colleges of Canada (AUCC)

2010 Mount Royal celebrates its centennial. The Taylor Family donates \$20 million for a new Conservatory and the Bella Concert hall

2011 Launch of the Bachelor of Education — Elementary and the Bachelor of Midwifery. The Cougars join the Canada West Universities Athletic Association as a probationary member. David Docherty becomes Mount Royal's ninth president

2012 Mount Royal promotes its first full professors. Launch of the Institute for Innovation and Entrepreneurship. The Aboriginal Science and Technology Education Program (ASTEP) is introduced. Establishment of the Chair of Sustainability and the Environment. Child Development Lab opens.

MOUNT ROYAL UNIVERSITY TODAY

Approximately 12,000 students attend Mount Royal in bachelor's degree, applied degree, university transfer, diploma and certificate programs. There are another 44,000 registrations in courses offered by the Faculty of Continuing Education and Extension and the Languages Institute. An additional 4,000 students attend the Mount Royal University Conservatory, which began in 1911 and has a national reputation for art education. It offers numerous community outreach programs for all ages and stages of learners and is particularly known for its Academy for Gifted Youth and the Morningside Music Bridge, its flagship international summer program.

Mount Royal offers nine university-level bachelor degrees with 19 majors and 41 minors. You can choose from a variety of programs including:

- Bachelor's — Four-year university-level degrees offered by Mount Royal
- Applied degree — Four-year university-level degrees which provide a good balance of theory, applied coursework, general education courses, and hands-on experience
- University transfer — Take up to two years of courses at Mount Royal before transferring to another institution to finish your degree
- Diploma — Two-year programs. Some diplomas can prepare you for further studies in a degree program at Mount Royal or another institution
- Certificates — Courses that are often flexible and can be taken part-time

The demand for professional career upgrading and skill development is met by the Faculty of Continuing Education and Extension, which creates new programs to meet evolving needs.

SATELLITE CAMPUS

The Mount Royal Aviation Hangar Campus is located at 143 MacLaurin Drive in Springbank, Alberta. For information, call 403.288.9551.

UNIVERSITY MANDATE

Mount Royal University is a public, board-governed institution established under the Post-secondary Learning Act of Alberta.

Mount Royal is a learning community that focuses on instruction informed by scholarship. Its mission is to develop excellence in baccalaureate and applied degrees along with certificate and diploma programs. Mount Royal's programs combine liberal and applied studies in order to develop informed and thoughtful citizens and to provide individual fulfillment, opportunities for further study and employment to its graduates.

Mount Royal offers programs in arts and science, nursing and health, business, communications, community studies, design, education, performing arts, and aboriginal studies that lead to the following credentials:

- University-level baccalaureate degrees and transfer programs to prepare learners for further study and employment.
- Applied degrees to prepare learners for employment.
- Certificate and diploma programs to prepare learners for employment and lead to further credentials.
- Post-secondary entrance programs that facilitate learner access to further studies.

Mount Royal supports scholarly activity that contributes to instructional excellence and to the cultural, social, and economic well-being of the community locally and internationally.

Students taking Mount Royal programs are supported by a range of services that contribute to the academic, social and personal development of students. These services include library services, academic advising, learning skills development, career services, counseling, recreation, and wellness programs.

Mount Royal's primary service area includes Calgary and the surrounding region. In addition, Mount Royal serves a wider learner population provincially, nationally and internationally through face-to-face and distance delivery and through strategic alliances with other post-secondary institutions. Mount Royal serves its communities by creating and communicating knowledge and by meeting the needs of the labour market in fields related to its program areas.

Mount Royal also serves its communities by providing contract training, professional development, international programming and, through its internationally recognized conservatory, music instruction particularly for younger people. Through these programs, Mount Royal enhances its commitment to continuous, life long learning and to global awareness in an inter connected world.

ACADEMIC FREEDOM

The common good of society depends upon the search for knowledge and its free exposition. Academic freedom in educational institutions is essential to both these purposes in the teaching function of the institution as well as in its scholarship and research. Academic staff shall not be hindered or impeded in any way by the institution or faculty association from exercising their legal rights. Academic members of the community are entitled, regardless of prescribed doctrine, to freedom in carrying out research and in publishing the results thereof, freedom of teaching and of discussion, freedom to criticize the University and the faculty association and freedom from institutional censorship. Academic freedom does not require neutrality on the part of the individual. Rather, academic freedom makes commitment possible. Academic freedom carries with it the duty to use that freedom in a manner consistent with the scholarly obligation to base research and teaching on an honest search for knowledge. In exercising the freedom to comment and criticize, academic staff members have a corresponding obligation to use academic freedom in a responsible manner. This implies a recognition of the rights of other members of the academic community and a tolerance of differing points of view.

MOUNT ROYAL UNIVERSITY FOUNDATION

The Mount Royal University Foundation plays a fundamental role in the success of Mount Royal and its outstanding reputation as a student-centred and teaching-focused institution. As Mount Royal continues to evolve, so do the financial needs of the University. The Foundation assists Mount Royal in meeting its priorities by raising funds through the generosity of alumni, individuals and corporate and community supporters. In doing so, we help Mount Royal address its priorities which include increasing the number and value of scholarships and bursaries available to our students, supporting program initiatives and expanding campus facilities to ensure all students have an exceptional learning experience at Mount Royal.

For more information about the Foundation, please contact our office at 403.440.7700 or visit mtroyal.ca/foundation.

ALUMNI RELATIONS

The Office of Alumni Relations strives to inspire students and alumni to share a life-long commitment to, as well as pride in and passion for Mount Royal University. We work closely with the Mount Royal University Alumni Association to promote the spirit of volunteerism and develop programs and services that add value to the alumni experience and to the life and work of the University. We engage alumni as active members of the University community.

For more information, please visit the Alumni office in F101 on Main Street at Lincoln Park. You can also reach us by phone at 403.440.7000, email alumni@mtroyal.ca, or visit our website at mtroyal.ca/alumni.

STATEMENT OF STUDENT RIGHTS AND RESPONSIBILITIES

This Statement of Student Rights and Responsibilities is intended to constitute a guideline to be observed by the Board of Governors, students, faculty, staff, and administrators of Mount Royal University. It does not constitute a legal contract between the students and the University, and it cannot override any collective agreement or other legally enforceable contract where there is conflict. The statement is not intended to create a foundation for civil proceedings in the Courts of the Province of Alberta.

The purpose of the statement is to identify a set of rights and responsibilities of the students enrolled in the credit programs of Mount Royal University. In the event of a perceived or alleged breach of the statement, a student, students or the Students' Association may seek resolution through established University procedures.

Students enrolled in credit programs at Mount Royal University should have rights and assume responsibilities in accordance with applicable University policies and procedures, as set out in this section of the calendar. All of the rights and responsibilities apply to full-time students and all, except items 8, 9, and 10, apply to part-time students.

1. **RIGHT:** To have their rights respected by fellow students, faculty, staff, administrators and other persons associated with the University.

RESPONSIBILITY: To respect the rights of fellow students, faculty, staff, administrators and other persons associated with the University.

2. **RIGHT:** To a University environment that complies with institutional and relevant government regulations, policies and procedures.

RESPONSIBILITY: To observe University and relevant government regulations, policies and procedures intended to protect the environment of the University.

3. **RIGHT:** To participate and to be represented in the affairs of the University through the Students' Council and/or the Student Executive Committee of the Mount Royal Students' Association, an organization dedicated to being responsive and responsible to the student body at large.

RESPONSIBILITY: To be active members in good standing of the Students' Association and to participate when feasible in the democratic processes of the Association.

4. **RIGHT:** To have access to current information printed in the University Calendar or, when such publication is not timely, posted at the Office of the Registrar and at locations other than the Lincoln Park campus where credit courses are offered regarding academic regulations; policies and procedures, including admission and registration requirements and procedures; course descriptions; course and program change and withdrawal procedures; program and graduation requirements; final examination policy and regulations; and transfer arrangements as outlined in the *Alberta Transfer Guide*.

RESPONSIBILITY: To familiarize themselves with current information regarding academic regulations, policies and procedures and to follow those regulations, policies and procedures, to the extent that such regulations, policies and procedures are printed in the University Calendar or posted at the Office of the Registrar and at locations other than the Lincoln Park campus where credit courses are offered.

5. **RIGHT:** To the availability of their course professors for assistance and consultation outside of scheduled class periods, at mutually agreeable times.

RESPONSIBILITY: To monitor their academic progress and to seek help to resolve their academic or career choice difficulties.

In the case of academic difficulties, students shall first discuss such matters with their course professors before enlisting other advice and assistance.

6. **RIGHT:** To the confidentiality of their transcript and the grade assigned for each course, except by their express written permission. The University reserves the right to confirm or deny questions concerning students' registration and/or completion of a program. The University reserves the right to make transcripts available for authorized purposes within the University without student permission (e.g. for scholarship and financial aid eligibility, academic advising, etc.).

RESPONSIBILITY: To respect the confidentiality of the academic records of other students.

7. **RIGHT:** To view in the Office of the Registrar the University's official student record as contained in their permanent file.

RESPONSIBILITY: To respect University regulations regarding the viewing of the official student record.

8. **RIGHT:** To have access to a place in each core or required course of the program in which they are registered at least once during the normal length of the program for full-time students.

RESPONSIBILITY: To take each core or required course of the program in which they are registered as soon as a place becomes available after the prerequisites for those courses have been met.

9. **RIGHT:** To have the graduation requirements of the program in which they are registered remain unchanged from those in effect when they registered in that program. If and when the requirements are changed, students registered in that program will be given the choice of which curriculum to follow except where the change is dictated by external agencies.

RESPONSIBILITY: To endeavor to complete the program under the curriculum best suited to their personal circumstances in view of the reasons for the change.

10. **RIGHT:** To have the length of the program in which they are registered remain unchanged from the length of the program when they registered in that program. If and when the length of a program is changed, students registered in that program will be given the choice of which curriculum to follow except in cases where the length of the program is dictated by external agencies.

RESPONSIBILITY: To endeavour to complete the program under the curriculum best suited to their personal circumstances in view of the reasons for the change.

11. **RIGHT:** To have the opportunity to complete, within its normal duration, the program in which they are registered as a full-time student if and when that program is discontinued by the University.

RESPONSIBILITY: To consider the reasons for the discontinuation of the program and to endeavour to complete the program within its normal duration for full-time students or choose an alternative based on that consideration.

12. **RIGHT:** To make available a written outline, at the beginning of the courses in which they are registered, of the objectives of the course, the evaluation system to be used, the requirements regarding class attendance and punctuality, the format and due dates of major assignments, as well as penalties if they are to be employed. In the event that circumstances beyond the control of the professor compel substantial changes to course content and/or classroom procedures, rules and regulations, the students registered in the course will be given written notice of such changes. The format of the written outline may be in hardcopy or online as deemed appropriate for the course.

RESPONSIBILITY: To make themselves aware of and to follow the requirements of the written course outline even when they are absent from particular classes.

13. **RIGHT:** To have course times, as scheduled in the University timetable at the time of registration, remain unchanged except in exceptional circumstances as determined by the University and to have classes start and end at the scheduled times.

RESPONSIBILITY: To arrive on time for their classes and to remain for the duration of those classes, except in exceptional circumstances.

14. **RIGHT:** To be notified, whenever possible, of class cancellations in advance of the class meeting.

RESPONSIBILITY: To accept exceptional circumstances and to be prepared to spend the time on other useful endeavours.

15. **RIGHT:** To the assurance that various sections of the same course have common course-specific objectives and comparable requirements and evaluation standards and to have these described in the course outline.

RESPONSIBILITY: To respect the faculty member's right to determine the course content, instructional methodology and evaluation procedures within the guidelines set for the course.

16. **RIGHT:** To have access to a review with the professor of in-course tests, examinations and course assignments within 14 days after they have been evaluated and to have supervised access to final examinations, in the departmental office and without benefit of a review with the professor or other University employee, within 14 days after the release of final grades by the Office of the Registrar.

RESPONSIBILITY: To request a review or access to tests, examinations, or course assignments, if they wish such review or access, within the 14-day time period.

17. **RIGHT:** To have student views taken into consideration in University-sponsored evaluations of instruction and student-oriented services and to be assured that their individual contributions will be kept confidential.

RESPONSIBILITY: To participate in such evaluations when requested.

18. **RIGHT:** To have appeal and grievance procedures established by the University and printed in the University Calendar or, when such publication is not timely, posted at the Office of the Registrar and at locations other than the Lincoln Park campus where credit courses are offered.

RESPONSIBILITY: To make themselves aware of appeal and grievance procedures.



ADMISSION



INITIAL INQUIRY – ADMISSIONS AND RECRUITMENT OFFICE

Information about programs offered at Mount Royal as well as admission policies and procedures can be found throughout this Calendar or they may be accessed on the Mount Royal website (mtroyal.ca). You may submit an information request on the website to receive further information on program offerings or you may apply for admission online (within the timelines specified in the Academic Schedule section of this calendar). Additional inquiries relating to admission may be directed to the Admissions and Recruitment Office, Mount Royal University, 4825 Mount Royal Gate S.W., Calgary, Alberta, T3E 6K6. Telephone: 403.440.5000, Toll Free: 1.877.440.5001, Fax: 403.440.7252, Questions: mr4u.mymru.ca/ask

If you plan to live in residence to enjoy the full Mount Royal experience you may apply for residence within the appropriate timelines. More information on residence is available in the Services for Students section of this calendar or on the website. Mount Royal has a variety of scholarships and bursaries available for entering students. Please visit mtroyal.ca/awards for information on these awards and to apply online.

GENERAL ADMISSION REQUIREMENTS

General Information

The admission requirements in this section apply to full-time and part-time admission to designated programs of study with the exception of the following programs:

- Certificate programs – see Academic Programs section of this calendar for information on admission to each certificate program.

Full-time status refers to a student who enrolls in three (3) or more courses (normally a minimum of nine [9] credits) in a semester. **Part-time status** refers to a student who enrolls in one (1) or two (2) credit courses (normally fewer than [9] credits) in a semester. Students interested in enrolling in courses outside of a designated program of study may choose to enrol in University Entrance Option or Open Studies – please see the Academic Faculties section of this calendar for further information. Admission to Mount Royal University is competitive and as such admission will be granted to those applicants who have the highest average based on the conditional admission criteria for each admission category. High school and post-secondary transcripts are required regardless of the level attained.

For some programs, applicants may be required to participate in additional admission criteria such as an interview, audition or other specific requirements — see Admission Requirements for each program found in the Academic Faculties section of this calendar.

Admission Categories

There are five categories for admission to Mount Royal:

- High School Standing
- Post-secondary Standing
- Mature Standing
- University Entrance Option
- Open Studies

The admission category that the applicant will be considered under will be determined by Mount Royal on the following basis:

1) High School Standing

Applicants will be considered on the basis of High School Standing if they are currently in high school or have left or completed high school, but have not completed sufficient post-secondary courses to be considered in the post-secondary category. To be eligible for admission on the basis of High School Standing, applicants must present five appropriate grade 12 subjects (or their equivalents) with no grade below 50%.

Conditional Admission – High School Standing

The conditional admission average will be based on the two highest self reported or final grades from the list of grade 12 subjects in Group A. Equivalent post-secondary courses may be substituted for required high school subjects where appropriate. Post-secondary courses used for admission to a program may also be applied to program graduation requirements, depending on the applicability of the course to the curriculum, the standard of performance achieved, and the time limits of the program.

For some programs applicants may be required to participate in additional admission criteria such as an interview, audition or other specific requirements — see Admission Requirements for each program found in the Academic Faculties section of this calendar.

Final Admission – High School Standing

Final admission for this admission category will be based on verification of admissibility once final/official transcripts, including all previous high school and post-secondary coursework, have been received and reviewed and all conditions of the applicant's admission have been met. Unless a specific (higher) admission average is required as indicated in the Admission Requirements for each program found in the Academic Faculties section of this calendar, high school applicants are required to have an overall admission average of 60% on the five appropriate grade 12 subjects and remain in good academic standing if they are currently enrolled in any post-secondary coursework. Official transcripts must include final grades for all subjects required by the program of study as indicated in the General Admission Requirements and the Admission Requirements for each program found in the Academic Faculties section of this calendar and be received by **August 1** for admission to the Fall Semester or by **December 1** for admission to the Winter Semester.

2) Post-secondary Standing

Applicants will be considered on the basis of Post-secondary Standing if they have completed four post-secondary courses (minimum 12 credit hours) by **December 31** and will have completed eight post-secondary courses (minimum 24 credit hours) by **June 30** for admission to the Fall Semester or will have completed eight post-secondary courses (minimum 24 credit hours) by **August 31** for admission to the Winter Semester. Courses presented for admission must be from a recognized post-secondary institution and must be transferable courses as determined by Mount Royal University.

Conditional Admission – Post-secondary Standing

Grades used to assess conditional admission will be calculated on the four most recently completed courses (minimum 12 credit hours) by **December 31** for the Fall Semester or the eight most recently completed courses (minimum of 24 credit hours) by **August 31** for the Winter Semester. Official transcripts showing all post secondary courses completed by these dates are required to be considered for conditional admission. Post-secondary courses used for admission to a program may also be applied to program graduation requirements, depending on the applicability of the course to the curriculum, the standard of performance achieved, and the time limits of the program.

Final/official high school transcripts are also required by Mount Royal. Reporting of high school grades is required to ensure successful completion of the specific high school course requirements for the applicant's program of study as indicated in the Admission Requirements for each program found in the Academic Faculties section of this calendar. Equivalent postsecondary courses may be substituted for required high school subjects where appropriate.

For some programs applicants may be required to participate in additional admission criteria such as an interview, audition or other specific requirements — see Admission Requirements for each program found in the Academic Faculties section of this calendar.

Note: Students who have been required to withdraw from another postsecondary institution for academic reasons should refer to (Re)-admission to Mount Royal Following a Requirement to Withdraw, further on in this section of the Calendar.

Final Admission - Post-secondary Standing

Final admission for this admission category will be based on verification of admissibility once final/official transcripts, including all previous high school and post-secondary coursework, have been received and reviewed and all conditions of the applicant's admission have been met. Unless a specific (higher) admission average is required as indicated in the Admission Requirements for each program found in the Academic Faculties section of this calendar, post-secondary applicants are required to have a 2.00 Grade Point Average (GPA) on the eight most recently completed post-secondary courses (minimum 24 credit hours).

Official transcripts must include final grades for all subjects required by the program of study as indicated in the General Admission Requirements and the Admission Requirements for each program found in the Academic Faculties section of this calendar and be received by **August 1** for admission to the Fall Semester or by **December 1** for admission to the Winter Semester.

Repeated Courses

When an applicant presents the same course with more than one grade (i.e. the course has been repeated), the higher grade shall be used for evaluating admissibility.

3) Mature Standing

Applicants who do not meet the High School Standing requirements and have not completed sufficient courses to be considered for Post-secondary Standing and are 21 years of age by **September 1** for the Fall Semester or **January 1** for the Winter Semester to which they are applying will be considered in this category. High school and post-secondary transcripts are required regardless of the level attained. Reporting of high school grades is required to ensure successful completion of the specific high school course requirements for the applicant's program of study as indicated in the Admission Requirements for each program found in the Academic Faculties section of this calendar and to provide grade information required for consideration for conditional admission — see below.

Conditional Admission – Mature Standing

The conditional admission average will be based on the two highest self-reported or final grades from the list of grade 12 subjects in Group A. Equivalent post-secondary courses may be substituted for required high school subjects where appropriate. Post-secondary courses used for admission to a program may also be applied to program graduation requirements, depending on the applicability of the course to the curriculum, the standard of performance achieved, and the time limits of the program. For some programs applicants may be required to participate in additional admission criteria such as an interview, audition or other specific requirements — see Admission Requirements for each program found in the Academic Faculties section of this calendar.

Final Admission – Mature Standing

Final admission for this admission category will be based on verification of admissibility once final/official transcripts, including all previous high school and post-secondary coursework, have been received and reviewed and all conditions of the applicant's admission have been met. Mature applicants are required to remain in good standing if they are currently enrolled in any post-secondary coursework.

Official transcripts must include final grades for all subjects required by the program of study as indicated in the General Admission Requirements and the Admission Requirements for each program found in the Academic Faculties section of this calendar and be received by **August 1** for admission to the Fall Semester or by **December 1** for admission to the Winter Semester.

4) University Entrance Option

University Entrance Option is intended for students who wish to pursue a baccalaureate degree but do not currently meet the admission requirements and/or competitive admission average for the baccalaureate degree of their choice. Admission is competitive and applicants will be considered in the high school or mature student categories only. A student is limited to a maximum of 30 credits (typically ten, three-credit courses) in the University Entrance Option and Open Studies combined. Any awarded grade (including 'F') will count towards the limitation but withdrawals will not. Refer to the University Entrance Option section in this Calendar.

5) Open Studies

Open Studies is intended to remove many of the significant barriers inherent in a competitive admission process by providing opportunities for a variety of students to pursue academic courses outside of degree, diploma or certificate programs. A student is limited to a earn 30 credits (typically ten, three-credit courses) in Open Studies and the University Entrance Option combined. Any awarded grade (including 'F') will count towards the limitation but withdrawals will not. Refer to Open Studies section in this Calendar.

Aboriginal Student Admission

Special consideration for designated seats may be available through a program specific Aboriginal admission target. To qualify for this category the applicant must:

1. self-identify as an Aboriginal applicant on the Application for Admission
2. meet the definition of an Aboriginal applicant
3. meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission December 1 – March 1. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

Aboriginal Applicant Definition

For the purpose of the application and admission process an Aboriginal applicant is defined as a Canadian who is a Status Indian/First Nations, Non-Status Indian/First Nations, Métis, or Inuit.

Appropriate Grade 12 Subjects

Applicants must have the required subjects for their intended program of study – as specified within the Admission Requirements for each program found in the Academic Faculties section of this calendar. The additional subjects which may be presented for evaluation of admissibility include the following courses from Group A, B and C:

High School Standing

Degree programs (baccalaureate, applied and university transfer)

Specific courses required by the program must be included in the five subjects below.

- 1) English Language Arts 30 – 1
- 2) Group A course
- 3) Group A course
- 4) Group A or B course
- 5) Group A, B, or C course

Diploma programs

Specific courses required by the program must be included in the five subjects below.

- 1) English Language Arts 30 – 1 (or English Language Arts 30 – 2 if accepted by the program)
- 2) Group A course
- 3) Group A, B or C course
- 4) Group A, B or C course
- 5) Group A, B, or C course

Post-Secondary Standing

Specific courses required by the program must be presented for admission.

Mature Standing

Specific courses required by the program must be presented for admission.

- 1) English Language Arts 30 – 1 (or English Language Arts 30 – 2 if accepted by the program)
- 2) Group A course

Group A Courses:

- English Language Arts 30-1 (or English Language Arts 30 – 2 if accepted by the program)
- Mathematics 30 – 1 (or Mathematics 30 – 2 if accepted by the program)
- Mathematics 31
- Biology 30
- Chemistry 30
- Physics 30
- Science 30
- Social Studies 30-1
- French 30, French 31, French Language Arts 30, Français 30
- All other Languages 30

Group B* Courses:

- Art 30
- Art 31
- Drama 30
- Music 30
- Physical Education 30
- Religious Studies 35
- Social Studies 30 – 2

* Courses must be 5 credits.

Group C Courses:

- Other 5 credit Grade 12 subjects or a combination of two 3 credit grade 12 subjects
- 5 credits of Advanced Career and Technology (CTS) courses

Note:

- Special Projects 30 cannot be used for admission.
- Applicants cannot use two courses from the same subject area for the purpose of admission with the exception of Mathematics 30 – 1 or 30 – 2 and Mathematics 31 or equivalent.

HIGH SCHOOL MATRICULATION EQUIVALENTS

The Mount Royal University courses that may be used in place of Alberta Grade 12 (30-level) subjects for purposes of admission to Mount Royal University, and other post-secondary institutions in Alberta are listed as follows:

Mount Royal University Upgrading Course	Corresponding Alberta High School Course
Biology 0130	Biology 30
Chemistry 0130	Chemistry 30
Chinese 1107*	Chinese 30
English 0130	English Language Arts 30-1
French 1111*	French 30
German 1107*	German 30
Italian 1101	Italian 30
Japanese 1107*	Japanese 30
Mathematics 0130	Mathematics 30 – 1
Mathematics 0132	Mathematics 30 – 2
Mathematics 0131	Mathematics 31
Physics 0130	Physics 30
Social Science 0130	Social Studies 30-1
Spanish 1101	Spanish 30

* Indicates course has a prerequisite.

NOTIFICATION OF ADMISSION STATUS

A letter mailed to an applicant's address, as shown on the applicant's record in Admissions and Recruitment (Enrolment Services), will be deemed adequate notification to the applicant for all matters concerning Mount Royal. It is the applicant's responsibility to notify Mount Royal of any change in address. Mount Royal will not be responsible for incorrect mailings or for missed deadlines due to an applicant's failure to report a change of address or to have supporting admission documents delivered to Mount Royal by the dates required.

Email will be used to communicate with the applicant throughout the admission process where appropriate. The official email address provided as part of the application for admission will be used for this purpose. Significant decisions regarding the outcome of the admission evaluation will continue to be communicated through a letter mailed to the applicant's address as indicated above.

APPLICATION TIMELINES

Fall Semester 2013

Early Admission:

December 1 – March 1

To be considered for Early Admission, the Application for Admission with self-reported grades or final/official high school transcripts and final/official post-secondary transcripts must be received at Mount Royal by **March 1**.

Ongoing Admission: March 2 – until the program is declared full

Applicants who submit their Application for Admission with self-reported grades or final/official high school transcripts and final/official postsecondary transcripts on or after **March 2** will be considered on an ongoing basis until the program is declared full. Programs will be removed from the online application when they are declared full.

Fall Semester 2014

Early Admission:

October 1 – February 1

To be considered for Early Admission, the Application for Admission with self-reported grades or final/official high school transcripts and final/official post-secondary transcripts must be received at Mount Royal by **February 1**.

Ongoing Admission: February 2 – until the program is declared full

Applicants who submit their Application for Admission with self-reported grades or final/official high school transcripts and final/official postsecondary transcripts on or after **February 2** will be considered on an ongoing basis until the program is declared full. Programs will be removed from the online application when they are declared full.

Application Deadlines

For application deadlines for specific programs, refer to the Admission Requirements for each program found in the Academic Programs section of this calendar. If no deadline is specified, applications will be processed until the program is declared full. Some programs may continue to accept applicants until August 31.

For programs with a specific application deadline, all documents as specified under Early Admission and Ongoing Admission above, must be received by the application deadline for that program.

Winter Semester

Please check the website or the online Application for Admission at **mtroyal.ca** to determine which programs are accepting applications for the Winter Semester as the list of programs is limited and may vary from year to year.

Early Admission: October 1 – November 1

To be considered for Early Admission, the Application for Admission with self-reported grades or final/official high school transcripts and final/official post-secondary transcripts must be received at Mount Royal by November 1.

Ongoing Admission: November 2 – until the program is declared full

Applicants who submit their Application for Admission with self-reported grades or final/official high school transcripts and final/official postsecondary transcripts on or after November 2 will be considered on an ongoing basis until the program is declared full. Programs will be removed from the online application when they are declared full.

Application Deadline

Applications will be processed until the program is declared full.

ADMISSION PROCEDURES FOR PROSPECTIVE STUDENTS

1. Apply online by completing the Application for Admission Form: mtroyal.ca

Note: You may apply for admission to two programs of study.

2. A non-refundable \$100 application processing fee is required with your Application for Admission. Credit card (Visa or MasterCard) payment is required at the time of completion of the online application through applyalberta.
3. Self-reported high school grades must be submitted, as requested on the Application for Admission Form.
4. Official transcripts from all high school and post-secondary institution(s) you have attended are required for Mount Royal to make an admission assessment. Some transcripts (within the province of Alberta) will be obtained by Mount Royal on your behalf while you will be required to request others yourself. A list of the transcripts you will be required to obtain will be provided when you apply for admission.

An official transcript is one which is sent directly to Mount Royal University from the Department of Education (for Alberta, British Columbia, and Saskatchewan), from the high school you attended if from another province or from any post-secondary institution(s) you attended.

Contact information:

In British Columbia:

Ministry of Education - Transcripts
Box 9886 Stn. Prov. Govt.
Victoria, British Columbia
V8W 9T6

In Saskatchewan:

Office of the Registrar
Ministry of Education
1840 Lorne St. 2nd Floor
Regina, Saskatchewan
S4P 2L7

If you attended high school in any province other than Alberta, British Columbia or Saskatchewan, write or fax the last high school you attended to request submission of your official high school transcript directly to Admissions at Mount Royal University. All documents (including transcripts) submitted for admission purposes become the property of Mount Royal University and will not be released to, nor photocopied for, the applicant or anyone outside of Mount Royal. Documents submitted by applicants who are not accepted or who do not attend are destroyed one year after the start of the semester for which admission was requested.

ADMISSIONS PROCEDURES FOR INTERNATIONAL (STUDY PERMIT) APPLICANTS

The Application for Admission and all supporting documentation (final/official transcripts from high school and all post-secondary transcripts) must be submitted according to the dates indicated in the Application Timelines section (above) to be considered for Early or Ongoing Admission. If the original transcripts are not in English, applicants must also submit a certified translated copy from an approved translation service.

There are two categories of international applicants:

1. Those residing and applying from outside Canada. This type of student is accepted for the Fall Semester only.
2. Those presently studying in Canada at Mount Royal or another institution. Applicants who entered Canada on a Study Permit to attend another educational institution must complete at least one semester at that institution before their application for admission to Mount Royal can be considered. This type of student may be considered for admission to the Fall Semester or the Winter Semester.

For students applying from outside of Canada or the United States, although applying and submitting documents during Early Admission (as indicated above) is recommended the Application for Admission and all supporting documentation (final/official transcripts from high school and all post-secondary transcripts) must be received at Mount Royal by **April 1** for admission to the Fall Semester. A conditional offer of admission may be given on the basis of the official documentation provided, however, final documents with any further course work and documentation to verify that the English Language Proficiency Requirement has been met, if your primary or first language (meaning the main language learned and used as a child) is not English, must be submitted by **August 1** for admission to the Fall Semester.

Admitted international students are solely responsible for all arrangements relating to their immigration status and entry into Canada.

ENGLISH LANGUAGE PROFICIENCY REQUIREMENT

The primary language of instruction and communication at Mount Royal is English and it is essential that all students have an adequate knowledge in the areas of reading, writing, listening, and speaking in the English language in order for them to be successful in their studies. All applicants must demonstrate English Language Proficiency for the purpose of admission in **one of the following ways** if their primary or first language (meaning the main language learned and used as a child) is not English.

1. Successful completion of the equivalent of two years of full-time study (minimum of three courses per semester excluding English as a Second Language courses) in an English language secondary or post-secondary institution or a combination of the two. Study must have been in an English speaking country* as recognized by Mount Royal and include the successful completion of English Language Arts 30 -1 or 30 - 2 (or equivalent).
2. Successful completion (with a grade of B- or better) of the highest level of the English for Academic Purposes program at Mount Royal's Languages Institute.
3. Presentation of the Test of English as a Foreign Language (TOEFL)** with an overall minimum score of 83 on the internet-based test (iBT) and a minimum score of 20 in each of the four testing sections. 1.800.468.6335 or ets.org/toefl
4. Presentation of the International English Language Test (Academic IELTS)** with an overall minimum score of 6.5 (with a minimum score of 5.0 in each band). ielts.ca

5. Presentation of the Canadian Academic Language Assessment (CAEL)** with an overall minimum score of 70 (with a minimum score of 50 in each band). cael.ca
6. Presentation of the Michigan English Language Assessment Battery (MELAB)** with an overall minimum score of 85 (must include the oral component with a minimum score of 3). cambridgemichigan.org/exams/melab/registration

Please note that applicants must satisfy two separate and distinct English requirements for admission to Mount Royal:

1. The English course required for admission to your intended program of study – English Language Arts 30 – 1 (or English Language Arts 30 – 2 if accepted by your program) AND
2. This English Language Proficiency Requirement (if your first or primary language is not English).

Notes:

* For list of English speaking countries for the purpose of this ELP requirement, visit mtroyal.ca/admission.

** All test results must be “official” meaning that they must be sent directly from the issuing institution to Mount Royal.

Applicants who do not meet the language requirement can apply to enter the English for Academic Purposes (EAP) program offered through the Languages Institute at Mount Royal.

LIMITATIONS ON ENROLMENT

Enrolment in Mount Royal University programs and courses is limited to the number of students who can be accommodated within available resources while maintaining quality of education. As a result, all programs of study at Mount Royal University have a fixed capacity on the number of students that may be admitted. All students who are issued a letter of acceptance will be required to pay a \$200 non-refundable registration deposit by the specific date indicated in their notification of acceptance into the program. The deposit will apply toward tuition fees for the semester to which the student is admitted. The balance of fees owing must be paid within the published timelines; see section entitled Fees and Deposits. Failure to pay the registration deposit by the required date will result in cancellation of acceptance. The vacancy created will be offered to another qualified applicant.

Program waitlists may be formed for some programs, if necessary, during the admission cycle. Applicants who are placed on a waitlist may be notified at any point in the admission cycle if a space in the program becomes available. If the applicant does not gain admission by the first day of classes for the semester to which he or she has applied, the waitlist will not be carried forward to the next semester and the applicant must reapply if he or she wishes to be considered in a subsequent semester.

Registration in specific courses is subject to the availability of those courses at the time the student registers. Class capacity is limited in many disciplines; as a result, space in specific courses is assigned on a first come, first served basis. **Delay in registering in a program of studies may result in the unavailability of some or all courses.**

POLICE INFORMATION AND OTHER BACKGROUND CHECKS

Certain programs include periods of placement or observation experience with community institutions or agencies as part of the course requirements. Many of these institutions or agencies, either for statutory reasons (e.g. Protection for Persons in Care Act) or for policy reasons, require police information or other background checks from employees as well. It is the responsibility of the student to obtain, at the student's expense, the necessary checks. Further information regarding these requirements will be provided to the affected students at the appropriate time.

In some circumstances, the checks will be provided by the student directly to the institution or agency. In other circumstances, the institution or agency will require Mount Royal to coordinate the submission of the checks for all students in a particular course or program. Where Mount Royal is involved in the process, the information will be retained in a separate file within the department and used only for the purposes of placing students at the applicable institutions or agencies. This process will be done in accordance with the Freedom of Information and Protection of Privacy Act. It is each institution's or agency's decision to accept or reject a student for placement or observation experience based upon the results of a police information or other background check. Since both completion of course requirements and eventual employment in a field of study may be dependent upon the results of such checks, students who have concerns should discuss the matter with the department chair or designate prior to applying for admission.

Police Information checks are normally obtained from the police department having jurisdiction where the student normally resides. For those who normally reside in the City of Calgary, the appropriate agency is the Calgary Police Service (calgarypolice.ca/community-policecheck.html or phone 403.268.2052). Outside Calgary, students should contact their local police agency. At the time of publication, the typical cost of a police information check was between \$25 and \$50.

RE-ADMISSION TO THE INSTITUTION

Students who have discontinued their studies for a twelve (12) month period or longer and wish to return to Mount Royal must complete the application procedures in accordance with the application timelines published in this Calendar, pay the non-refundable application processing fee, and be accepted on each return. To qualify for Mount Royal University graduation status, re-admitted students must fulfill the graduation requirements in effect at the time of their re-admission.

RE-ADMISSION FOLLOWING AN INTERRUPTION OF PROGRAM OF STUDIES

Students wishing to return to the same program at Mount Royal after an absence of a twelve (12) month period or longer must re-apply for admission to the specific program. Admission to the program is subject to review by the academic department and the availability of space in the program.

If approved the student will be required to submit all additional official post-secondary transcripts if they have attended another post-secondary institution during their absence from Mount Royal. The student's application will be processed in the same time frame using the standard admission processes and is subject to the applicable fees. A student re-admitted to the program is governed by the program requirements in effect at the time of the most recent admission.

(RE-) ADMISSION TO MOUNT ROYAL FOLLOWING ACADEMIC DISQUALIFICATION OR A REQUIREMENT TO WITHDRAW

A student who has been Required to Withdraw from Mount Royal, or any other post-secondary institution, will not be admitted to Mount Royal until at least a twelve (12) month period has elapsed since the student was required to withdraw.

Applicants who have been Required to Withdraw from Mount Royal, or another post-secondary institution, for academic reasons may be considered for admission to their intended program of study, either on the basis of high school standing or mature standing, after a twelve (12) month period has elapsed.

A student may register in non-credit academic upgrading courses, dependent on space availability, during the twelve (12) month waiting period. Students who have been Required to Withdraw must apply for re-admission in accordance with re-admission procedures.

ADMISSION APPEALS

Students who have not been offered admission can request that the Chair and/or Dean consider an Exceptional Admission. There is no appeal of the Chair and/or Dean's decision.

ADVANCED PLACEMENT (AP)

Applicants who successfully complete Advanced Placement (AP) courses may use applicable AP courses for the purpose of admission and/or transfer credit. Admission and/or transfer credit will be awarded on the basis of current articulation agreements with Alberta universities as cited in the AP section of the Alberta Transfer Guide. Applicants, who complete both Advanced Placement courses and senior matriculation/secondary school courses, will be assessed on the grades which are most advantageous for the student. Official transcripts must be ordered through the Advanced Placement program at collegeboard.com/student/testing/ap/exgrd_rep.html.

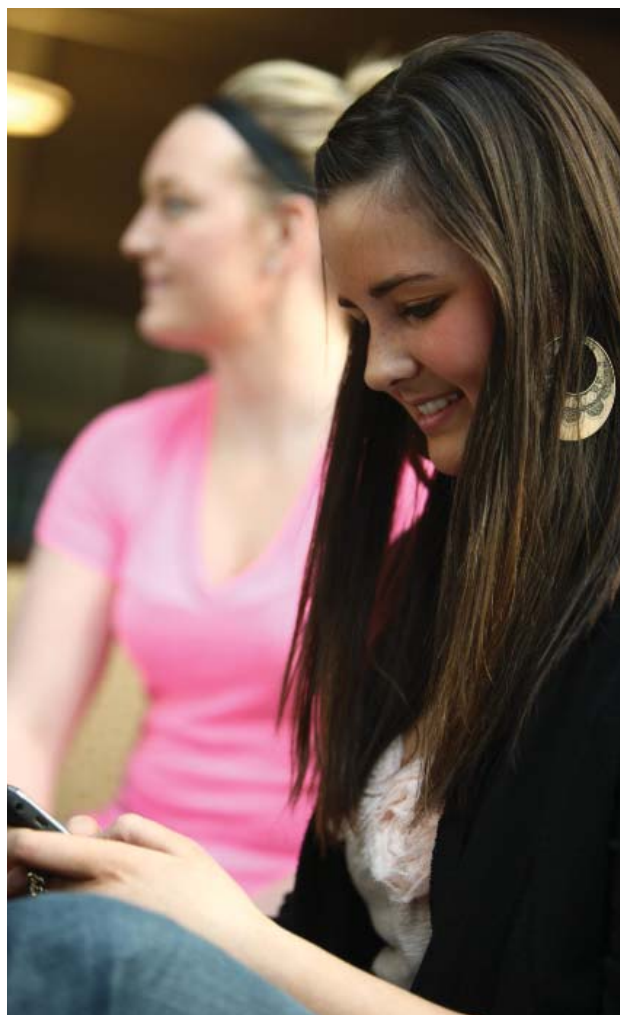
INTERNATIONAL BACCALAUREATE (IB)

Applicants who successfully complete International Baccalaureate (IB) courses may use applicable IB courses for the purpose of admission and/or transfer credit. Admission and/or transfer credit will be awarded on the basis of current articulation agreements with Alberta universities as cited in the IB section of the Alberta Transfer Guide.

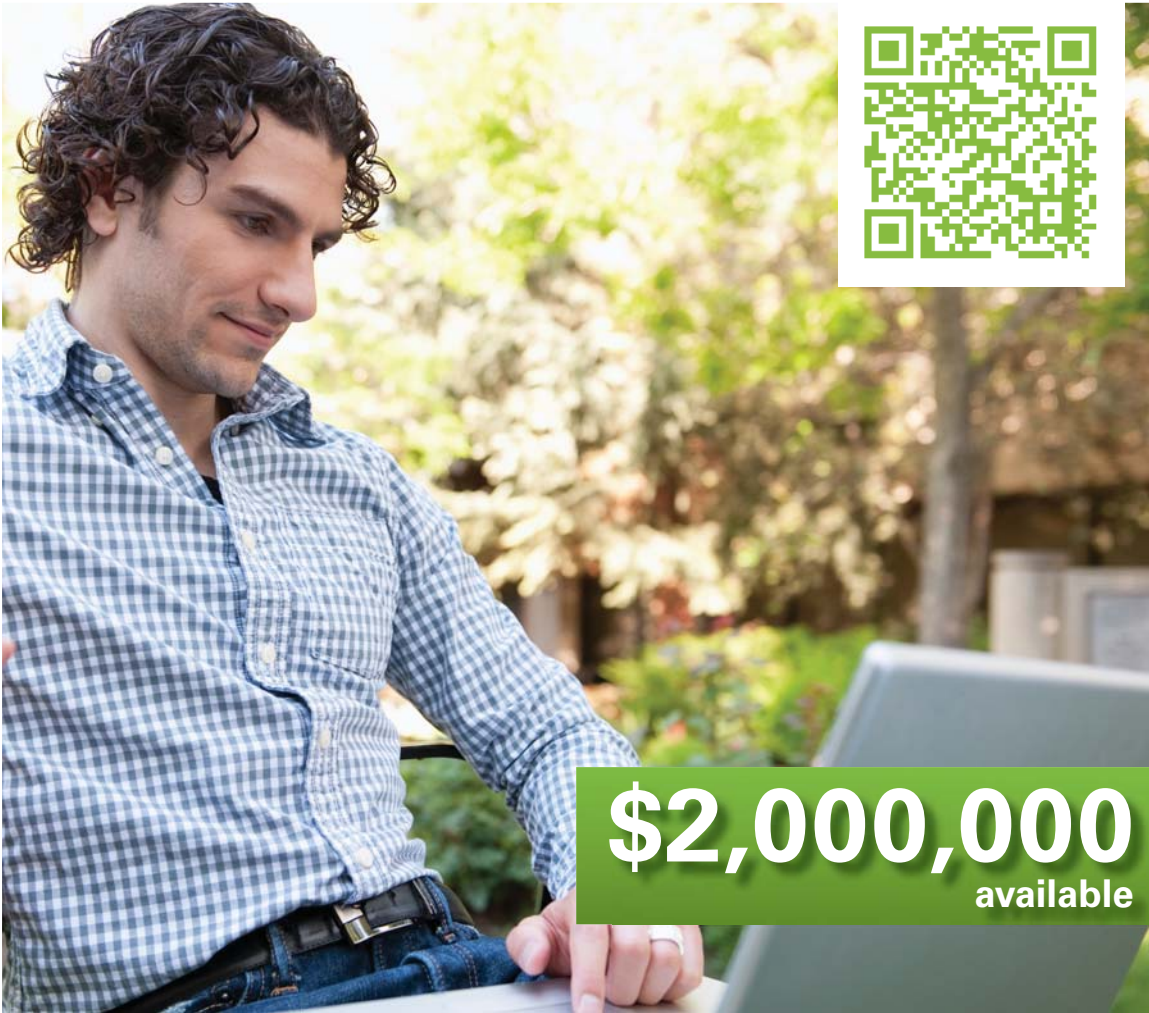
Applicants, who complete both International Baccalaureate courses and senior matriculation/secondary school courses, will be assessed on the grades which are most advantageous for the student. Official transcripts must be ordered through International Baccalaureate Organization. Information on how to request official transcripts can be found at ibo.org/iba/transcripts/index.cfm.

HOME SCHOOL

Home schooled applicants who present recognized secondary credentials will be considered for admission to Mount Royal.



SCHOLARSHIPS & BURSARIES



Deadline for applications is **MARCH 1**

You can't afford not to apply! Visit our website to get started.



Student Awards
and Financial Aid

mtroyal.ca/awards

TRANSFER CREDIT AND PLAR

TRANSFER EQUIVALENCY

Upon receipt of an application for admission and an official transcript, from each current or previously attended post-secondary institution, transfer course equivalencies are assessed.

To be considered for transfer equivalency, each course must have been completed at a recognized accredited post-secondary institution with a minimum passing grade.

Regardless when a course was completed, normally it may be considered for a transfer equivalency. However, limitations do exist for time-sensitive courses, e.g. Computer Science, Midwifery, Nursing, and Science. Refer to Transfer Credit Assessment within individual program requirements.

Unspecified Equivalency

Transfer equivalencies are either direct equivalents to specific Mount Royal courses or unspecified courses at the appropriate post-secondary level. Courses granted unspecified equivalents are indicated as XXXX, 1XXX, 2XXX, 3XXX. An unspecified transfer equivalency may satisfy an Elective but not a specific course requirement.

Courses completed in academic disciplines at the university level which are not offered by MRU are considered as an unspecified transfer equivalency. If the transfer equivalency assigned by MRU is unspecified and you think it might transfer as a direct equivalent, you need to provide the detailed course outline for assessment.

A **detailed course outline** includes: course outline, weekly structure, textbook(s), reading requirements, learning outcomes and instructor qualifications. Web or calendar descriptions are not accepted due to minimal content.

Email the detailed courses outlines to transfercredit@mtroyal.ca. Include your Mount Royal Student ID number plus indicate the direct equivalent you are requesting.

Timelines for Transfer Equivalency Assessment

Semester	Deadline to submit detailed course outline(s) to transfercredit@mtroyal.ca	Departmental decision finalized by
Fall	April 15	June 15
Winter	October 15	December 15
Spring	February 15	April 15

Failure to submit the detailed course outline by the deadline, may affect whether a course prerequisite has been met. Lack of the course prerequisite would limit your choice of courses when registering and/or result in your removal from a class list. (Refer to *Course Prerequisite Requirements* under *Registration Information* section).

Transfer Credit

Transfer Equivalencies become Transfer Credit when the course satisfies a graduation requirement. If a higher grade is required to satisfy either prerequisites (refer to *Course Description* section) or a program continuance (refer to *individual program requirements*), a transfer course with a minimum passing grade would not satisfy a direct equivalent.

A maximum of 50% of the program in which a student is officially admitted may be completed as Transfer Credit. (Refer to *Residency under the General Graduation Requirements* section).

Assessed Transfer Credit is viewable in a student's myMRU account and mruGRADU8 program audit.

LETTER OF PERMISSION

Students who are registered in baccalaureate or applied degree, diploma, or certificate programs at Mount Royal University may be granted permission to take a limited number of courses at other recognized or accredited post-secondary institutions.

A Letter of Permission (LOP):

- when approved, provides a guarantee that a course successfully completed at another institution will fulfil a current program requirement for graduation purposes.
- must be obtained prior to registering for the course(s) at another post-secondary institution.

It is the student's responsibility to review another post-secondary institution's information on admission, registration, course description and tuition costs, prior to requesting an LOP. To request an LOP, email LOP@mtroyal.ca.

Semester	Deadline to submit Letter of Permission request to LOP@mtroyal.ca	Departmental decision finalized by
Fall	July 15	July 31
Winter	November 15	November 30
Spring	April 15	April 30

A LOP does not:

- ensure admission to another post-secondary institution
- ensure prerequisites, required by another post-secondary institution, have been previously completed.

LOP limitations:

- the number of courses that may be completed elsewhere is limited by the number of transfer credits permitted toward a current program. (See policy on Residence Requirements in the section entitled General Graduation Requirements).

Upon completion of a course, it is the student's responsibility to request an official transcript indicating the final results be sent by the originating institution to:

Admissions and Recruitment
Mount Royal University
4825 Mount Royal Gate SW
Calgary, Alberta
T3E 6K6

NOTE: A student is not eligible to request an LOP if (i) s/he has no registration activity at MRU in the past twelve months; (ii) s/he has not been admitted into a degree, diploma or certificate program; (iii) s/he has already completed the requirements of his/her program whether or not s/he has applied to graduate; (iv) s/he has been Required to Withdraw from Mount Royal; or (v) s/he has exceeded the time limitation for completion of his/her program.

PRIOR LEARNING ASSESSMENT AND RECOGNITION

Policy

Many students enter Mount Royal University with work, academic, and life experiences that may reflect sound knowledge of subject matter covered in courses offered for credit by the University. Prior learning assessment is a method of recognizing and accrediting the demonstrated knowledge that has resulted from those experiences.

Mount Royal University fully supports the following academic principles with respect to prior learning assessment and recognition which have been developed and endorsed by the Alberta Council on Admissions and Transfer.

1. Recognition of prior learning should be based on demonstrated learning.
2. Recognition of prior learning should be appropriate to the course or program in which it is accepted.
3. Recognition of prior learning should be consistent with the achievement levels required by the post-secondary program in which it is accepted.
4. Recognition of prior learning should be for learning that has a balance, appropriate to the subject, between theory and practical application.
5. Assessment of prior learning by post-secondary institutions should be made by content specialists, with external advice as necessary.

At Mount Royal University, demonstrated prior learning resulting from work, life, and academic experiences may be assessed by any one of the following evaluation methods or some combination of them:

1. Formal examinations (including challenge examinations and standardized external examinations);
2. Course equivalencies involving evaluation of non-collegiate and/or non-credit programs, courses, certificates and designations; and
3. Documentation and demonstration of achievement through portfolio assessment and portfolio-assisted assessment (including product assessment [work samples], simulation/performance assessment, inter How to Pay Fees views and oral examinations, and practical and laboratory demonstrations).

The most appropriate evaluation method in any particular case is to be determined by the department Chair, acting on the advice of the content specialists for the subject and/or discipline area for which recognition or credit is requested. The relevant department Chair shall also have the responsibility to evaluate each student's application for prior learning assessment and determine which courses and/or subject areas or disciplines may be reviewed for possible recognition or accreditation, subject to the general academic regulations specified below. Each department shall also compile and maintain a list of courses for its area which shall not be considered for credit or recognition through the prior learning assessment methods indicated above.

Application for recognition of prior learning must be made through the Office of the Registrar.

Procedures

1. In order to obtain recognition of prior learning by the University, the individual requesting the assessment of prior learning must be a registered student at the start of the semester and when the assessment is conducted. New and continuing students who wish to avail themselves of this service are strongly advised to explore and, as appropriate, to initiate the prior learning assessment and recognition process outlined here as early as possible after their acceptance into a program of studies offered by the University. Requests must be received by the end of the first week of classes in any semester. The final assessment of prior learning must be completed by the end of the fourth week of classes in any semester.
2. Students may obtain the Application for Prior Learning Assessment and Recognition (PLAR) Form from the Office of the Registrar. The student must discuss the request with the Collaboration and Articulation Officer who will determine if the request meets policy requirements. If approved the student will complete the form and take it to the appropriate discipline Chair.
3. The Chair will evaluate the student's request for assessment and recognition of prior learning and determine if credit for a specific course or courses may be obtained in this manner. Upon completion of the initial evaluation, the decision of the Chair will be recorded on the Application for Prior Learning Assessment and Recognition (PLAR) Form.
4. The student shall return the form to the Office of the Registrar. The student will be notified when he or she has been registered in the PLAR and fees have been assessed.
5. The assessment of prior learning will be conducted by the department, which will determine whether the student clearly shows above average knowledge of the subject matter. The grading shall be either "CR" (credit awarded) or "NC" (credit not awarded). Under no circumstances will a letter grade be assigned. Courses for which credit is received in this manner will contribute to the student's total credits.
6. Students may confirm online the specific credits they have been awarded through the prior learning assessment process by accessing Student Web Services on the Mount Royal University website (mtroyal.ca). The Office of the Registrar shall make the appropriate notation on the student's permanent academic record.
7. A student may request a review of a particular assessment through the normal grade appeal process.

Limitations

1. The purpose of prior learning assessment is to allow students to complete their studies at Mount Royal University successfully. Prior learning assessment is not intended to be used to aid students in transferring to another institution. Any university transferable courses offered at Mount Royal University that are at the 1000 level or higher will not be granted credit by prior learning assessment.
2. Students may not apply for credit by prior learning assessment in any course in which they are currently or have previously been registered at any institution. However, courses taken over six (6) years ago may be recognized for credit through prior learning assessment.
3. In cases where prerequisites exist, students may request assessment and recognition of prior learning only for those courses for which they have the stated prerequisites.
4. No student may receive credit by prior learning assessment in more than two (2) courses within a given subject or discipline area, nor in more than a total of three (3) courses at the University if registered in a diploma or certificate program or in more than a total of six (6) courses if registered in a baccalaureate degree program.
5. This policy, procedures, and limitations are intended to govern the award of academic credit through the assessment and recognition of demonstrated learning resulting from prior life, work, educational and other extracurricular experiences. The assessment and recognition of work experience credit based on prior work experience for purposes of satisfying the graduation requirements of the University's baccalaureate degree programs are covered under separate policy and procedures that apply specifically and exclusively to those baccalaureate degree programs.
6. Students should be aware that academic credit awarded through prior learning assessment at Mount Royal University is guaranteed only toward the University's graduation requirements. Other institutions may or may not allow transfer credit towards degrees, diplomas or certificates for courses recognized or accredited through the University's prior learning assessment process.

ADVANCED PLACEMENT (AP)

Upon admission to a certificate, diploma or degree, students who successfully complete Advanced Placement courses may be considered for transfer credit for approved courses. An official AP transcript must be sent directly from the Advanced Placement program to Admissions, Mount Royal University.

INTERNATIONAL BACCALAUREATE (IB)

Upon admission to a certificate, diploma or degree, students who successfully complete International Baccalaureate (IB) courses may be considered for transfer credit for approved courses. An official IB transcript must be sent directly from the IBNA office to Admissions, Mount Royal University.



REGISTRATION INFORMATION

GENERAL INFORMATION

Registration is the process of formally recording the enrolment of a student in a course or courses. Registration requires agreement by the student to be bound by the rules and regulations of the University, accepting that these may be amended from time to time. Only a student who has been admitted or re-admitted or who is continuing from one semester to the next and whose transcript of record indicates eligibility to continue may register in credit courses.

The Office of the Registrar may adjust or cancel any course registrations which are inappropriate or for which the stated prerequisites are not satisfied. Consult the Course Prerequisite Requirements found within the section How to Register.

Student Responsibility

Students are responsible for the completeness and accuracy of their course registration. It is the student's responsibility to ensure that courses selected are appropriate and meet program/graduation requirements. Academic advisors are available to assist students in the selection of their courses. Students are expected to adhere to all critical dates and deadlines as outlined in the Academic Schedule.

Registration Dates

Students must register according to the registration timelines outlined in the *Academic Schedule* section of the University calendar. Dates are subject to change. Contact the Office of the Registrar in person or visit the Mount Royal University website (mtroyal.ca) for current information on registration. Applications for admission should be completed and submitted to the Office of the Registrar well in advance of the registration period.

Availability of Courses

Registration in specific courses is subject to the availability of those courses at the time the student registers.

Workplace Hazardous Materials Information System (WHMIS)

The Workplace Hazardous Materials Information System (WHMIS) is a federally legislated program, which ensures that all persons working with, or in proximity to, chemicals and other defined hazardous materials have access to information about hazardous materials in their workplace. All students registered in courses involving work with chemicals and other defined hazardous materials are required to attend a WHMIS training session at the beginning of each semester. The University reserves the right to withdraw students from those courses requiring this training if students have not completed the training session or cannot produce evidence of having completed comparable WHMIS training in the previous 12-month period.

Students Covered by the Government of Alberta's Workers' Compensation Account

As a result of WCB coverage, students may be eligible to receive workers' compensation benefits in the event of an accident. However, if covered, they do not have the right to sue the employer or the institution.

Any student that has an accident related to their student activities while on Campus or at an authorized site must report the accident to their supervisor/professor and to Campus Security as soon as possible. If necessary, WCB claim forms may have to be completed and filed with the University's Occupational Health and Safety Coordinator.

WCB Coverage for Student Work Experience Outside of Alberta

WCB-Alberta may extend coverage to students working outside of Alberta if the conditions of Section 28(1) of the Alberta Workers' Compensation Act are met. A link to the WCB legislation is found at wcb.ab.ca/public/policy/legislation.asp.

If you are uncertain if you qualify for WCB coverage while on a practicum or DFS outside the province, check with your supervisor or practicum/DFS coordinator. A WCB fact sheet on Student Coverage is available at wcb.ab.ca/pdfs/workers/WFS_Student_coverage.pdf.

HOW TO REGISTER

Students may register online by accessing MyMRU on the Mount Royal University website (mtroyal.ca). Refer to *Online Registration Instructions* for more information regarding online registration. In person registration assistance is also available at the Office of the Registrar. Consult the Mount Royal University website for more detailed instructions registration. Students experiencing difficulty with MyMRU may contact the Registration Help Line at 403.440.3303 or toll free at 1.877.676.0686.

New Students

Those students who wish to register in any given semester must follow the procedures outlined in the *Admissions* section of this calendar. Academic advisors are available and may be consulted by students when planning a program prior to registering in courses. Students in some undergraduate programs must consult with an Academic advisor before they will be permitted to register in courses.

Those students who are not admitted to a defined program of study may apply and register as an open studies student. Open Studies students are eligible to take up to five (5) courses (any combination of credit and credit-free upgrading courses) per semester. For additional information about Open Studies, please visit: mtroyal.ca/openstudies

Continuing Students

Continuing students may register according to the dates posted on MyMRU on the Mount Royal University website (mtroyal.ca) prior to the start of the registration cycle for each semester. Students in some undergraduate programs must consult with an Academic advisor before they will be permitted to register in courses.

Returning Students

(absence of less than twelve (12) months)

Students who have interrupted their studies for one or two semesters are not required to re-apply for admission provided they are returning to the same program. Students wishing to continue their studies in the same program must advise the Office of the Registrar of their intent to register by email at creditregistration@mtroyal.ca.

Course Prerequisite Requirements

Prerequisites for each course are listed in the course description section of the University calendar and online. **It is the responsibility of the student to de-register themselves from any course(s) for which they do not satisfy the prerequisite.** Failure to do so may result in deregistration from that course(s).

If a prerequisite has been completed in high school and/or at a previous post-secondary institution(s), it is the student's responsibility to submit an official transcript(s) which must be received in accordance with the deadlines outlined in the Academic Schedule.

Course Waitlists

If requested classes are full and there are no alternative sections available, students can place themselves on a waitlist for a class. Students are chronologically registered in courses from the waitlist if space becomes available. There is no guarantee that a student will receive a seat in the desired course regardless of their position on the waitlist. Students may only waitlist for one section per course. It is the responsibility of each student to check MyMRU (mtroyal.ca) to confirm whether he or she has been registered in a class for which he or she was initially waitlisted.

Three weeks prior to the start of each semester the option to waitlist will no longer be available and all pre-established waitlists will be dissolved. After waitlists are dissolved, and up to the end of the registration adjustment (Drop/Add) period, students can only register in courses with available seats. Students are not permitted to attend any classes in which they are not registered. It is the responsibility of each student to begin attending those classes for which he or she is shown as registered. Students who are added to a class from a waitlist, but who subsequently decide that they do not wish to attend that particular course must drop it from their timetable by making a registration adjustment within the deadline dates specified in the Academic Schedule. Students who do not officially cancel or drop a course to which they have been added from a waitlist will be considered as registered in that course and will be charged full fees for that course whether they subsequently attend classes or not.

Confirmation of Registration

During and after each registration session, students may confirm their course registration status by accessing MyMRU on the Mount Royal University website (mtroyal.ca). It is the responsibility of the student to notify the Office of the Registrar of any discrepancy in their course registration status and to arrange for correction where appropriate. If a student stops attending a course for which he or she is officially registered and does not take proper cancellation or withdrawal action, she or he will be awarded a grade appropriate to their performance in the course. The University does not automatically cancel or withdraw those students who cease to attend classes and fail to follow appropriate cancellation or withdrawal procedures.

Audit Students

Auditors are students who have been granted permission in writing by a professor to attend lectures in a course on the understanding that they may not participate in assignments or examinations. Such permission will be contingent upon seats in the course being available. Once she or he has registered to audit a course, a student may not change to credit, nor will the student who has registered for credit in a course be permitted to change to audit. Audit courses will be reflected on the student's permanent record with the symbol "AU". The student may, in succeeding semesters, take any course for credit, which has previously been audited.

Auditors must present a signed Registration form to the Office of the Registrar. Final permission to audit a course cannot be given until the day after the registration adjustment (Drop/Add) period, when the space available in a course is known. Requests for permission to audit must be received by the end of the fourth week of classes in any semester.

See *Fees and Deposits* section for course fee.

Unclassified Students

An unclassified student is one who elects to take a single course and has not been admitted to a degree, diploma, certificate program, Open Studies or University Entrance Option. A student who has been admitted to an undergraduate (credit) program, Open Studies or University Entrance Option cannot register as an unclassified student.

An unclassified student will be able to register in a class (i) that has an available seat, (ii) that does not have a program restriction and (iii) for which s/he has met a prerequisite requirement. An unclassified student may take one (1) credit course per semester. Unclassified 'status' is only valid for one term. Unclassified students are not eligible for scholarships, bursaries, or awards through MRU or any part time government funding. Unclassified students do not have access to MRU advising services.

For information on fee payment, please refer to 'Money Matters' on the MRU website. Prospective students, including unclassified, unsure of their course selection can visit the Admissions and Recruitment Office (B156).

Students wishing to register for a course as an unclassified student will fill out an application form and present it, in person, at the Office of the Registrar on the first day of the month that classes begin in a given semester (September 1, January 2 or May 1). Unclassified students do not pay an application fee and are not required to meet the English Language Proficiency requirement. An unclassified student who wishes to register in a course with a prerequisite must provide an official transcript no later than the first day of classes. Students who present a Letter of Permission (LOP) from another institution are considered to have met prerequisite requirements.

Maximum Student Course Load

Students may carry up to five (5) courses (normally between 14- and 19-credits) per semester depending on the program of study. Students who seek permission for course overload should review their academic record with their program Chair or academic advisor prior to registration. A student with a less than satisfactory academic performance record may be advised to take a course load reduced to below the normal load shown in the calendar.

The University may refuse to grant a student permission to enrol in more courses than the normal program load. Students transferring from other institutions are not eligible for course overload in their first semester at Mount Royal University.

Late Registration

All students who apply and register on or after the first day of classes will be required to pay a non-refundable late registration deposit of \$75 in addition to the \$100 application fee. This late registration deposit will not be applied toward tuition. **Under no circumstances will requests for late registration be accepted after the end of the registration adjustment (Drop/Add) period.**

Incomplete Registration

Failure to satisfy any of the admission, registration, or fee payment requirements may result in deregistration from all classes.

Mount Royal Campus Card

The Mount Royal Campus Card is the official identification card for students and employees at Mount Royal University. The information contained on your card includes your name, student/employee identification number, and your photo. It will be necessary to have this card with you to access a variety of University departments such as the Library, Recreation and computer labs (You will have to meet eligibility requirements at these locations).

Once you have been issued a Campus Card it's yours for life. You don't need a replacement card when you enroll in a new semester. To validate your card, pick up a new validation sticker available from the Campus Card (E251) office a couple of weeks prior to the start of any semester. Students and employees must provide their Mount Royal Campus Card at Security Services (X200) to access Mount Royal University after 10 p.m.

eCampusAlberta

eCampusAlberta is a consortium of 15 Alberta Colleges Technical Institutes, and Universities acting in partnership to offer students greater access to online learning opportunities. Each member institution develops, contributes and offers its respective online courses, and as well, offers services and supports to students taking online courses from other member institutions. Institutions participating in eCampusAlberta have articulated their commitment to quality, access, transferability and partnership in the provision of online learning opportunities for Albertans. This approach gives Alberta learners flexible and convenient access to a wide array of post-secondary learning opportunities in a supported learning environment. To view an inventory of online learning opportunities available through eCampusAlberta, visit the website at: ecampusalberta.ca For additional information about eCampusAlberta at Mount Royal University, please contact us by phone at 403.440.3303 or toll free at 1.877.676.0686 or by e-mail at: ecampus@mtroyal.ca



CHANGE OF REGISTRATION

CANCELLATION PROCEDURES

Students who decide to cancel their registration must do so in writing or online through MyMRU on the Mount Royal University website (mtroyal.ca) prior to the Drop/Add deadline specified in the *Academic Schedule*. No fees will be refunded after this date.

COURSE CANCELLATION BY THE UNIVERSITY

All courses must meet minimum enrolment requirements. Therefore, the appearance of a course in the *Schedule of Classes* is no guarantee that it will be taught.

A course cancelled by the University, for whatever reason, is automatically removed from the student's registration record and, where applicable, tuition refunds will be given.

CHANGE OF PROGRAM

Students who are interested in another program of study must formally apply for admission to that program using the Application for Admission. You may apply for admission online (within the timelines specified in the Academic Schedule section of this Calendar). Admission to Mount Royal programs is competitive and as such admission will be granted to those applicants who have the highest average based on the conditional admission criteria for each admission category. In addition some programs have additional admission criteria. Please see the Admissions section of this Calendar for more detail.

DROPPING/ADDING A COURSE

The courses for which a student is registered after the Drop/Add deadline constitute that student's official registration and semester load. Students can add or drop courses up until midnight on the day of the Drop/Add deadline specified in the Academic Schedule. Students who drop a course will receive a tuition refund minus applicable fees. There is no notation on the transcript for a dropped course.

NOTE: Students who add a course up to midnight on the day of the Drop/Add deadline are responsible for ensuring the difference in fees has been paid before the fee payment deadline.

WITHDRAWAL FROM A COURSE

After the Drop/Add deadline and up until the withdrawal deadline, a student can withdraw from any course by submitting a completed Withdrawal Form to the Office of the Registrar or going online through myMRU. Unless medical documentation is provided, a student will receive a 'W' notation on their transcript. Students are encouraged to consult with their instructor or academic advisor before making a decision to withdraw from a course. No tuition refunds will be given.

The official withdrawal date from a course or program is the date the student first advises the Office of the Registrar in writing of the intent to withdraw. Students who stop attending classes and do not follow the proper withdrawal procedures will be assigned an "F" grade for that course. Students wishing to withdraw from the last course in which they are registered must follow the procedures for Withdrawal from the University.

WITHDRAWAL FROM THE UNIVERSITY (COMPLETE WITHDRAWAL)

Students who find it necessary to stop attending Mount Royal must withdraw officially by means of a Withdrawal Request Form. Until a student officially withdraws, the student remains registered in all courses and at the end of the semester will normally be assigned an "F" grade for each course. Normally, no student will be permitted to withdraw after the last day of classes (as per the Academic Schedule). Students who follow the proper procedure will be assigned a "W" or "WC" on their academic transcript for the course(s) in which they were registered.

Students who have decided to withdraw completely from Mount Royal must get a signature from an advisor, a Chair or Mount Royal counsellor on the Withdrawal Request Form. We also encourage students who are experiencing emotional distress to contact Student Counselling before initiating a complete withdrawal.

NOTE: Students are advised that, if withdrawal results in a semester course load of less than nine credits and fewer than three courses (normally), they make themselves ineligible for financial assistance. See the section entitled Financial Aid.

It is the responsibility of the student to inform the Office of the Registrar in writing if he or she intends to discontinue attending class. **Telephone withdrawals will not be accepted under any circumstances.**

EXCEPTIONS TO THE WITHDRAWAL DEADLINE

Students who request approval for a withdrawal after the deadline stated in the Academic Calendar must submit supporting documentation that clearly establishes a medical and/or psychological reason for the request. Students must provide supporting documentation that **explicitly** states why the medical and/or psychological condition made it impossible to meet the deadline and/or why the student is not in a position to complete the semester. If applicable, the student must also provide an explanation why s/he did not pursue an 'I' contract for the course. Consistent with Mount Royal policy, no request for a refund will be considered after the Drop/Add deadline. **All requests are subject to a review and approval process.**

FREQUENTLY ASKED QUESTIONS



When can I register?

Current students: check your Registration Access Date on MyMRU. New students: register on or after your registration access date on MyMRU, or following your advising session or appointment.

I've been offered admission into a program but I can't activate my MyMRU account.

You need to accept your offer of admission and pay your \$200 non-refundable registration deposit before you are able to activate your MyMRU account.

Do I require advising?

If you require advising, indicated with your registration access date, you must contact your academic advisor to make an appointment. Your academic advisor can then arrange access to the registration system (MyMRU) on or after your posted registration date. Although you may not require advising for your current program, you may require advising if you are admitted into a new program.

Do I have the prerequisites?

Specific prerequisites for all courses can be found in the course description section of the calendar and online. Students may not be able to register for courses if s/he does not have the stated prerequisite. If a student registers in a course for which s/he does not have the stated prerequisite, s/he may be de-registered from that course without prior notice. Proof of successful completion of a prerequisite course must be submitted to the Office of the Registrar in accordance with the transcript deadlines outlined in the Academic Schedule and on the Mount Royal website. Students are strongly encouraged to de-register themselves from any course(s) for which they do not satisfy the prerequisite.

What if a course is restricted?

Some courses at the University are restricted to students in specific programs. If you are not in that program and you try to register in a restricted course, you will receive an error message, and be unable to register.

Periodically program Chairs may remove program restrictions from courses allowing other students to register for those courses. Check MyMRU to determine if program restrictions have been removed.

May I change to a different section of a course?

Yes, but make sure that the section of the course you want is available before you drop one in which you are currently registered.

How will I know if I received a waitlisted course?

If your waitlisted course or section becomes available, you will automatically be registered for it. Three weeks prior to the start of each semester the option to waitlist will no longer be available and all pre-established waitlists will be terminated. It is your responsibility to check to see if you have been registered in a waitlisted course and pay fees by the fee payment deadline.

How do I pay my fees?

Up to date information on payment methods can be found at mtroyal.ca/Admission/MoneyMatters/index.htm

Where can I get assistance using MyMRU for course registration and waitlisting?

- Contact the Credit Registration Help Line at 403.440.3303 or toll-free at 1.877.676.0686 during regular office hours.
- E-mail Credit Registration at creditregistration@mtroyal.ca
- On the MRU website at mtroyal.ca/creditregistration

ONLINE REGISTRATION INSTRUCTIONS

mymru.ca

1

Login using your username and password. If you do not yet have an account, click on [Account](#) to activate your account. Remember to read and accept the terms of the [Acceptable use policy](#).

In order to activate your account you are required to identify yourself using your first name, last name, MRU student identification number and your date of birth.

If you are having problems activating your account, please first check your information carefully, then call our Service desk at 403.440.6000.

2

Once you are signed in, click the [Student resources](#) tab.

3

Click the [Registration](#) link.

4

Click on [Select term](#) and choose the appropriate semester for registration.

5

Proceed with registration using the [Add/drop classes](#) link or the [Look up classes](#) link.

If you require further assistance contact the Registration helpline at 403.440.3303 or toll-free at 1.877.676.0686.

Schedule of Classes

The courses offered in each semester are listed in the online Schedule of Classes. Course information is available several months prior to the commencement of the semester. Information in the Schedule regarding room assignments and professors is current at the time of posting on the Mount Royal University website: mtroyal.ca. The University reserves the right to make any changes it deems necessary and to adjust any student's registration in accordance with the information presented in the Schedule. Updated information is available through the Student Resources section on MyMRU.

REGISTRATION — TROUBLESHOOTING

WAITLIST INFORMATION

- Students may carry up to five courses (normally between 14 and 19 credits) per semester depending on their program of study. Any registered and/or waitlisted course above the maximum will be dropped.
- Students waitlisting for courses with an accompanying LAB or TUTORIAL, must waitlist for the LAB and TUTORIAL at the same time. Failure to do so will result in the waitlisted course being dropped.
- Students are encouraged to create a conflict free timetable including courses for which they are waitlisted.
- Students may not waitlist in an additional section of a course in which they are already registered.
- Students waitlisting in multiple sections of the same course will be dropped from all duplicate waitlisted sections.
- Students may view a list of courses for which they have waitlisted by going to the Add/Drop screen (in MyMRU) for the current semester. This screen will also allow students to remove themselves from a waitlist.
- If your waitlisted course becomes available, you will automatically be registered for it. Three weeks prior to the start of each semester the option to waitlist will no longer be available and all pre-established waitlists will be terminated. It is your responsibility to check to see if you have been registered in a waitlisted course and pay fees by the fee payment deadline.

HOW TO WAITLIST FOR A CLASS

1. Click on the Add/drop classes option on the registration menu.
2. Enter the CRNs for the classes you want to add.
3. Click on the Submit changes button.
4. If a class is full, you will receive a registration error message showing the class is closed and the number of people waitlisted.
STATUS: CLOSED-006 WAITLISTED.
5. Select the Waitlisted option in the action drop down box. (Note: if it is past the last day to waitlist, the Wait Listed option will not appear in the action drop down box).
6. Click on the [Submit changes](#) button.

REGISTRATION ERROR MESSAGES: WHEN THEY OCCUR AND HOW TO RESOLVE THEM

Closed-002 waitlisted

This class is full and has two students on the waitlist. You may waitlist for this course (you would be #3 on the waitlist) or drop the class. Please note, waitlisted courses do not appear on your timetable.

Degree/program/major restriction

This course is reserved for students in a specific program of study.

Duplicate CRN

You have chosen a class in which you are already enrolled.

Link errors

If you receive a Link error you have attempted to enrol in a lecture without the supporting tutorials and/or labs. Check your Schedule of Classes.

Maximum hours exceeded

Most students register in a maximum of five courses and part-time students are normally restricted to two courses. If your registration exceeds the maximum, this error will appear. Please contact the Registration Helpline for assistance.

Pre-req: Test score error

You are attempting to register in a class for which you have not successfully completed the prerequisite.

Time conflict with CRN XXXX

The class with the error message overlaps by day and/or time with the class indicated. You must choose a different section of this class or a different class altogether.

Please contact the registration administrator for your time ticket

- You may have tried registering without selecting the correct registration term. Go back to Registration Menu and select the appropriate term.
- You may be trying to register before your registration date.

Note: if you exit without resolving registration errors, you will NOT be registered in the courses selected.

If you require further assistance contact the Registration Helpline at 403.440.3303 or toll-free at 1.877.676.0686.

FEES AND DEPOSITS

The payment of all fees and deposits is mandatory. The Board of Governors reserves the right to change fees and deposits when necessary and without notice.

All students in all semesters will pay tuition, Recreation and Athletics, instructional equipment, laboratory and insurance fees. Students' Association fees are set by the Students' Association and are collected by the University on their behalf.

HOW TO PAY TUITION AND MANDATORY FEES

Internet Banking

Pay your tuition 24 hours a day through most any major banks or credit unions. Add Mount Royal University as a payee through your online banking. (Your student ID number is the account number required to make payment.)

Online Credit Card Payments

- Payable through **Plastiq.com**

In person

- Cash
- Debit card
- Money order
- International wire transfer

By Mail

- Money orders

Not accepted

- Personal cheques
- Postdated cheques of any kind
- International money orders
- Credit cards cannot be used in person

For more information please visit mtroyal.ca/moneymatters.

Fee Payment Procedures all Semesters

Any unpaid fees owing on any Fee Deadline results in cancellation of registration in all classes for the Semester. After the initial Fee Deadline is missed, students may re-register, and are automatically assessed a \$50 re-registration fee. After the second and final Fee Deadline is missed, students may only re-register at the Office of the Registrar, and are automatically assessed a \$50 re-registration fee. All students that apply and register on or after the first day of classes will pay a late registration fee of \$75 in addition to the \$100 application fee. This fee will not be refunded nor is it applied to regular tuition fees.

All newly admitted students pay a \$200 non-refundable registration deposit. The Registration Deposit for new students confirms their acceptance of an offer of admission into a program. Although the deposit is non-refundable, it will be credited toward regular tuition fees.

FEE PAYMENT DEADLINES

	FALL SEMESTER 2013	WINTER SEMESTER 2014	SPRING SEMESTER 2014	
Full fees due (1st fee deadline)	August 14, 2013	December 2, 2013	April 28, 2014	Applies to students who have registered in courses on or prior to this date
NOTE: Non-payment or partial payment of fees results in deregistration from <u>all</u> classes. Students re-registering in classes after this deadline must pay a \$50 re-registration fee.				
Drop/Add deadline	September 13, 2013	January 15, 2014	May 13, 2014	The official registration record is set at midnight on this day.
NOTE: Students are financially responsible for <u>all</u> classes on record at this time.				
Full Fees due (2nd fee deadline)	September 16, 2013	January 16, 2014	May 14, 2014	Applies to <u>all</u> students.
NOTE: Non-payment or partial payment of fees results in deregistration from <u>all</u> classes. Students re-registering in classes after this deadline must pay a \$50 re-registration fee.				
Last day to be reinstated in classes.	September 30, 2013	January 31, 2014	May 20, 2014	
NOTE: Only courses on record as of the Drop/Add deadline are eligible for reinstatement and <u>all</u> fees must be paid IN FULL at the time of reinstatement. No exceptions will be permitted.				

Fall 2013

Students cancelling their registration in full after **August 14, 2013 and before September 13, 2013** will receive a full tuition credit less \$200 non-refundable registration deposit on their student account. No tuition credit of fees will be given after **September 13, 2013**.

Winter 2014

Students cancelling their registration in full after **December 2, 2013 and before January 15, 2014** will receive a full tuition credit less the \$200 non-refundable registration deposit on their student account. No tuition credit of fees will be given after **January 15, 2014**.

Spring 2014

Students cancelling their registration in full after **April 28, 2014 and before May 13, 2014** will receive a full tuition credit less the \$200 non-refundable registration deposit on their student account. No tuition credit of fees will be given after **May 13, 2014**.

FEE DEFERRALS

Students eligible for sponsorship and government loans are given special payment deferral privileges whereby automatic deregistration of all courses does not occur. Evidence of a student loan or sponsorship must be presented prior to the appropriate fee payment deadlines each semester. Failure to provide confirmation of Student Loan or sponsorship prior to the appropriate fee payment deadlines will result in cancellation of registration.

For Student Loans, confirmation must be presented to the Student Awards and Financial Aid Office (Room E102). Sponsorship students refer to the Third Party Sponsorship section of this Calendar. Unless formal cancellation procedures are followed prior to the deadlines shown in the *Academic Schedule*, students receiving sponsorship and/or loans are required to pay all fees.

Note: Once a student loan is signed by the University, payment of fees for any courses that are added (from the wait list or due to a registration/program adjustment) are the responsibility of the student. Students are de-registered from all classes if any charges remain outstanding on the Fee Payment Deadline.

THIRD PARTY SPONSORSHIP

The University will issue an invoice on behalf of a student who is sponsored by an outside organization such as Workers Compensation or a First Nations Band as a service to students and sponsoring agencies. To be eligible for Third Party Billing, sponsoring agencies must complete and submit a sponsorship form prior to the start of each semester. If there are any changes to the sponsor or authorized coverage information during the semester, a new form must be submitted. Forms can be obtained by contacting fees@mtroyal.ca. Students remain responsible to ensure all sponsorship documents have been received prior to any Fee Payment Deadline date. Any fees that remains outstanding on a student account is the Student's responsibility to pay prior to any Fee Payment Deadline or they will be deregistered from all courses. Acceptance of third party billing is at the discretion of Mount Royal University.

Acceptance of third party billing is at the discretion of Mount Royal University.

NON-PAYMENT OF FEES

Student transcripts, diplomas, scholarships, medals, prizes and standing will not be issued nor will students be permitted to register in subsequent semesters until all financial obligations attributable to fees, fines, deposits and non-return of equipment, material or library books, etc., are settled.

Returned Items

Any student who cancels or reverses back a payment and results in tuition owing will have a Financial Hold placed on their account for one (1) year. Any future payments must be made by cash, certified cheque or bank money order, or internet banking. In addition, a charge of \$35 will be assessed on each returned item.

Fee Refunds

Credits due to Fee adjustments are only issued to students who follow formal cancellation procedures before the deadlines shown in the *Academic Schedule*. No Tuition/Fee adjustment credits will be issued after the end of the Drop/Add period for each semester. Students must follow formal cancellation procedures before deadlines in the *Academic Schedule*. The University retains a \$200 registration deposit/cancellation fee and may only refund the balance of fees paid or transfer to the next term. Credit balances on all student accounts will be transferred to the next active term. Refunds for fee overpayments are processed upon a student's request. Contact fees@mtroyal.ca. Refunds can take five to seven weeks to process. Mount Royal University will refund back to original payment method used when possible. It is the student's responsibility to ensure that their address is current as refunds cannot be processed if your address on file is inactive.

Fee Reassessment Due to Registration Adjustments

After the Drop/Add deadline has passed, students are responsible for verifying and paying any outstanding balance. Refunds will be issued for those students who have overpaid.

Students will not be allowed to register in subsequent semesters or to receive transcripts or other services until all financial obligations are met.

SCHEDULE OF FEES

Application Fee

A non-refundable processing fee of \$100 must accompany every application requesting admission or re-admission to the University. Applications received without the fee will not be processed. The fee is not credited toward tuition fees. Students can apply and pay online using Visa or MasterCard. Payment can also be made in person at the Office of the Registrar by (Room A101 at the entrance to Kerby Hall) Visa, MasterCard, debit, cash or cheque/Canadian money order.

Audit Student Fee

Students choosing to audit a course are assessed fees at one-half the normal course fee cost for the course. See *Registration Information* section for audit regulations.

Convocation Fee

Students taking part in Convocation will pay a \$50 graduation fee

Credit Extension and Open Studies Course Fee

To offset extra costs involved, a supplementary fee may be assessed for credit extension courses given off-campus.

Deferred Final Examination Fee

Students deferring a final exam are assessed a \$35 fee. This fee is waived in cases of medical exemption or when a student has three (3) exams scheduled in one day. See *Academic Regulations* section for details.

Duplicate Document Fee

Students requesting replacement T2202A forms are required to pay \$10 for each copy requested. Replacement tax forms from 2003 onwards are available free of charge via MyMRU.

Enrolment Verification Fee (International Students)

Registered students who require formal verification of enrolment status will be assessed an enrolment verification fee of \$50 for each enrolment verification requested.

Late Registration Fee

All students who apply and register for Open Studies on or after the first day of classes will pay a late registration fee of \$75 in addition to the \$100 application fee. This fee will not be refunded nor is it credited toward regular tuition fees.

Locker Rentals

Full-length, Half-length and Box lockers are available for rent both on-line (go to MyMRU) or at the Parking & Transportation Services office. Rental agreements are for September to April (Fall & Winter Semester) and May to June (Spring Semester). For current price information please visit our website at mtroyal.ca/AboutMountRoyal/TransportationParking/Lockers/index.htm or visit the Parking & Transportation Services Office. Lockers must be completely cleared of contents upon expiration of the rental agreement. Any contents remaining in the lockers at the expiration of the locker rental agreement will be turned over to the Lost & Found collection (administered by the Students' Association) and will be disposed of if not claimed within 30 days. Mount Royal University does not accept responsibility for any damage to the contents or loss of items from lockers, which have been rented to students and/or other parties. Valuables should not be stored in lockers. Students must use the locks provided by the University.

Mount Royal University does not accept responsibility for any damage to the contents or loss of items from lockers, which have been rented to students and/or other parties. Valuables should not be stored in lockers. Students must use the locks provided by the University.

Mount Royal Campus Card

A lost, stolen, or damaged card will be replaced by the Campus Card office for a fee of \$10. (This fee will be waived if you provide a photocopy of a Calgary Police Service report.) If you lose your Mount Royal Campus Card, please contact Security Services immediately at 403.440.6897.

Parchment Replacement Fee

Students are required to pay a \$50 fee for replacement of parchments.

Parking Fee

Limited parking is available to students on campus. Students may apply for a parking permit for a fee per semester. The display of a valid parking permit in the vehicle does not guarantee a parking space, but authorizes parking in available spaces in designated student parking lots.

Prior Learning Assessment and Recognition Fee (PLAR)

Students wishing to have their prior learning assessed and recognized (to satisfy graduation requirements of a baccalaureate applied degree, diploma, or certificate program) will pay fees as assessed at one-half the normal course fee cost for the particular course for which recognition of credit is requested. See *Transfer Credit and Evaluation of Prior Learning* section for prior learning assessment and recognition regulations.

Registration Deposit/Cancellation Fee

Students who cancel their registration after the fee payment due date and prior to the drop date will forfeit a registration deposit/cancellation fee of \$200 which will be withheld from the refund of any fees that have been paid.

Registration Deposit Fee

All newly admitted students pay a \$200 non-refundable registration deposit. The Registration Deposit for new students confirms their acceptance of an offer of admission into a program. Although the fee is non-refundable, it will be credited toward regular tuition fees.

Registration Reinstatement Fee

Students whose registration is cancelled for non-payment of tuition and/or other fees must pay a non-refundable \$50 registration reinstatement fee after each Fee Deadline has passed. Registration reinstatement is subject to course availability and is therefore not guaranteed.

Spring Semester Fee

A \$15 per full course surcharge will be added to tuition fees for students enrolled in the Spring Semester.

Student Fee Schedule 2013/2014

The 2013/2014 Student Fee Schedules had not been finalized as of the date of publication of this calendar.

Students should consult the University's web-site at mtroyal.ca for the most up to date information on tuition fees for 2013/2014 and subsequent years. Please also refer to the Fees and Deposit section of this calendar to obtain a detailed description of the fees that will be assessed to students. The payment of all fees and deposits is mandatory. The Board of Governors reserves the right to change fees and deposits when necessary without notice.

Transcript Fee

Costs for official transcripts are \$10 for each copy ordered. Official transcripts are normally issued to educational institutions, potential employers, and students upon request. Generally, two to three working days are required for processing requests for official transcripts. Students who request an unofficial copy of their complete academic transcript are charged \$2 for each copy requested; unofficial transcripts are generated on demand.

EXPLANATION OF FEE SCHEDULES

International Student

Non-Resident Fee Schedule

All international students with student visa or non-Canadian resident status enrolling at Mount Royal University for the first time and for subsequent semesters, will be required to pay fees based on the International Student Fee Schedule.

International students whose immigration status changes will be required to provide proof of permanent status before a change in fee assessment. Changes in a student's immigration status will not be effective unless documents are presented to the Registration Office prior to the Fee Payment deadline date, in any given term.

General Fees

The payment of all general fees is mandatory for all students. The general fees cover instructional equipment and lab fees, Recreation and Athletics fees, and an accident insurance fee. The instructional equipment and lab fees provide supplementary funding for the purchase of supplies and equipment used for instructional support purposes by students and faculty. The Recreation and Athletics fee is used to support and develop varsity sport and recreation programs and services for the University community.

Universal Bus Pass Fee

All eligible students taking 3 courses (minimum of nine credits) in each semester are assessed a fee for the universal bus pass (U-Pass) which provides unlimited rides on Calgary Transit buses and C-Trains for a one-time per semester fee. The U-Pass program is administered through the Parking and Transportation Services Office. For additional information on the U-Pass program please visit the following web link

mtroyal.ca/AboutMountRoyal/TransportationParking/U-PassFAQs/index.htm.

Student Accident Insurance Fee

This fee is levied each semester and is intended to provide students with the following benefits (subject to change):

- Accident Expense Reimbursement
- Dental Accident Reimbursement
- Permanent Total Disability Benefit
- Other Benefits

When Coverage Applies – Those students who have enrolled in a minimum of 3 full courses are covered for all accidents on a 24-hour basis for the course term.

For those students who have enrolled in less than 3 full courses, coverage applies only while such students are in or on University buildings or premises for the purpose of attending classes or while they are in attendance at or participating in any University activity approved and supervised by a proper authority of the University.

For application forms and further information and specific plan information, contact Health Services (Room U220).

Students' Association Fees

All Students' Association Fees are collected by Mount Royal University on behalf of the Students Association of Mount Royal University (SAMRU). Any questions on any of these fees should be directed to the SAMRU in the Wyckham House Student Centre in the Z wing.

Students' Association General Fee

This fee is levied each semester to provide services and representation to Mount Royal students, and to operate the Wyckham House Student Centre. There are over 90 programs and services available to students, including subsidized events and entertainment, emergency student loans, Peer Support Centre, Native Student Centre, Cultural Mosaic Centre, Sustainability Centre, Pride Centre, Student Outreach and Safewalk, and CopyWrite & Used Books. Please visit our offices in Z222 or samru.ca for a full list of services and representatives.

Students' interests are represented on several University committees including the two governing boards, the Board of Governors and the General Faculties Council, and their subcommittees, Tuition Consultation Committee, and Budget Advisory Committee. Students' Association representatives currently serve on over 80 University committees ensuring that the student voice is heard in decision-making.

Student representation also extends to the provincial and federal level where post-secondary funding originates and is allocated. The Students' Association is a member of the Alberta Student Executive Council (ASEC) and the Canadian Alliance of Students' Associations (CASA) and meets regularly with key political figures to lobby on behalf of student interests.

Students' Association Scholarship Fee

This fee is levied each semester to provide scholarships and bursaries to Mount Royal University students. An endowment has been established that ensures that funds for students continue to be available in the future.

Students' Association Capital Campaign Fee

This fee is levied to provide the capital funds necessary for the Students' Association to develop its building, the Wyckham House Student Centre, to better accommodate student needs as the University expands, and to pay the mortgage for the newly expanded student centre. The centre has undergone a massive expansion, providing 45% more space for students and staff, a new council chambers, new programs, new and exciting food kiosks, bathrooms renovations and a kitchen in the Hub. Please see samru.ca for further information.

Students' Association Health and Dental Plan Fee

All eligible students taking nine credits or more in each semester of registration are enrolled in the Students' Association extended Health and Dental Plan. The fee is charged in both the Fall and Winter semesters; insurance coverage extends from September 1 to August 31 of each year provided there has been no change in a student's full-time status.

This fee is distinct from the fee charged for the Student Accident Insurance Plan.

Students must fill out the *Personal Information Form* at the Student Benefits Plan Office (room Z001 in Wyckham House) in order to activate their coverage.

Eligible students who have comparable health and/or dental coverage elsewhere may apply to waive benefits. Please note that the provincial health care plan does not qualify as an extended health plan. Each student is given an opportunity to waive benefits under the health and/or dental plan(s) each year, usually within the first three weeks of classes if they are enrolled in another plan with extended coverage. All waiver forms must be completed through the Student Benefits Plan Office or through the One-Time Online Opt-Out and must be received by the applicable deadline for the semester period of enrolment. (Please visit samru.ca for more information). Confirmation of existing coverage must show the name of the insurance company providing coverage and the policy number. The easiest way for students to provide confirmation of coverage is by presenting a copy of a benefits card or a confirmation letter from the employer/insurance company. Confirmation may also be provided by presenting other documents such as a recent statement of claim, web page print-out or other insurance company document identifying you, the insurer and the policy number. **Once confirmation of coverage is obtained**, any confirmation documentation provided is destroyed. Approval of waiver forms will result in the plan fee being refunded. Opt-out cheques will be available for pick up in the fall and winter semesters for eligible students (9 or more credits at MRU). There will be no exceptions or extensions for students who fail to submit their completed waiver to the SAMRU Student Benefits Plan Office prior to the applicable deadline. Students who have previously waived their benefits and have lost comparable coverage, must come into the SAMRU Student Benefits Plan Office and opt-in before the applicable deadline. For full details, please visit the Student Benefits Plan Office in room Z001 in Wyckham House.

Schedule of Special Fees

Special Course Fees

Physical Education

- PHED 1215\$40

Special Program Fees

Aviation

In addition to regular tuition and general fees, flight training fees are assigned to the flight training courses. Flight training fees, which amount to approximately, \$65,000 over the two-year program, are subject to change depending on operating costs for aircraft and related services.

Degree Program Non-credit work experience and Co-operative Education

Non-credit work experience and non-credit co-operative education courses will be assessed a fee of \$489.30 per course (subject to change see University's website for final fees for 2013/2014).

The non-credit work experience professional development course and the non-credit co-operative education preparation course will be assessed a fee of \$241.15 per course (subject to change see University's website for final fees for 2013/2014).

FINANCIAL AID

Information on all financial assistance programs described below is available from Student Awards and Financial Aid, Enrolment Services (Room E102).

For student's applying for student loans through Alberta, applications must be received 30 days prior to the student's study period end date: however, students are advised to apply well before the beginning of the academic session for which assistance is required.

To be eligible for full-time student financial assistance Students Finance guidelines state that a student must be enrolled in at least 60 per cent of a full course load in a post-secondary program of study that leads to a degree, diploma, or certificate. At Mount Royal, a student must generally be enrolled in at least three (3) credit courses and a minimum of (9) credits to meet this criteria.

CANADA STUDENT LOANS

The Canada Student Loan Program is designed to assist students whose resources are insufficient to provide for the cost of full-time studies at the post-secondary level. To be eligible, applicants must be Canadian citizens or have landed immigrant status. The maximum loan to a student for a full academic year is \$7,140 (\$3,570 per semester).

CANADA STUDENT GRANTS

These grants are available to post-secondary students with permanent disabilities, students from low and middle income families, and students with dependants. Canada Student Grants are available to both full-time and part-time students.

PROVINCE OF ALBERTA ASSISTANCE

The Province of Alberta also provides financial assistance in the form of loans and in some circumstances, grants to residents of Alberta to meet their educational expenses. The maximum combined loan (including both Canada and Alberta loans) for an eight-month period is \$13,300. The lifetime loan limit is \$60,000 for undergraduate programs.

MAINTENANCE GRANTS

These grants, to a maximum of \$6,000, are available to Alberta students with special circumstances. Students considered for these grants include, but are not restricted to single parents, married/common law students whose spouse/partner cannot work for medical reasons or single students required to make maintenance payments.

REPAYMENT

Students begin repaying their student loan(s) six (6) months after they cease being a full-time student. Students are encouraged to contact their lender(s) e.g. EDULINX or the National Student Loans Services Centre regarding their repayment obligations and schedule. Loans are interest-free during periods of full-time attendance. Students are responsible for providing adequate proof of enrolment to their lender(s) e.g. EDULINX or the National Student Loans Services Centre. The Confirmation of Enrolment forms necessary to let your lender know that you are currently a full-time student are available from the Student Awards and Financial Aid Office.

WITHDRAWAL

If a student withdraws from the University or drops to part-time status before the end of the academic session for which loan assistance was granted, their future disbursements will be cancelled. The Student Awards and Financial Aid Office is required to notify the provincial Student Aid Office that the student is no longer eligible for their funding. Students who are thinking of withdrawing or dropping to part-time status should contact the Student Awards and Financial Aid Office to discuss how it will affect their government funding.

PART-TIME STUDENTS

There are a number of part-time assistance programs available to Albertans. Part-time students who are enrolled in courses (including Continuing Education courses) may be eligible. Part-time funding is income based and is intended to cover the costs of tuition, books, travel and childcare (if required).

ESTIMATE OF FINANCIAL NEED

To assess financial need, the student should estimate living costs, tuition, fee, books and supplies for the period of attendance (one or two semesters). From total estimated expenses, the student should subtract their resources. The net result is an estimate of the financial assistance needed. For more information on how financial need is assessed, and to apply for government student loans, Alberta students can go online to **studentaid.alberta.ca**. Students living outside of Alberta can look into applying for student assistance from their home province or territory. The Student Awards and Financial Aid Office can answer any questions regarding student funding.

SKILLS INVESTMENT ALBERTA WORKS GRANT FUNDING

Alberta Human Services makes grant funding available for unemployed adult Albertans and those currently or recently on Employment Insurance (EI) to help pay tuition, book and living costs. Mount Royal offers this funding for students in the Aboriginal Education Program, English as a Second Language, Transitional Vocational Program, as well as Occupational Training (approved certificate programs). For information including eligibility or a list of funded programs, go to our webpage **mtroyal.ca/moneymatters**

For information on Mount Royal scholarships, bursaries, and awards, see **mtroyal.ca/awards**.

ACADEMIC REGULATIONS



Academic regulations will be found throughout this calendar and may not necessarily be contained only in the section that follows.

ACADEMIC SEMESTERS

Mount Royal University operates on a 13-week semester system. The Fall Semester normally begins in September and ends in December. The Winter Semester begins in January and ends in April. Full-time students normally enrol for the Fall and Winter Semesters.

The University also offers a Spring/Summer Semester, which begins in May and ends in August. Most courses offered during this period are six and a half (6.5) weeks in length and meet in May and June. Although course offerings are more limited than during the Fall and Winter Semesters, courses from most departments are included. Credits earned may be applied to a student's program in the same manner as credits acquired in other semesters.

CREDIT WEIGHT

Credit weight reflects student workload rather than classroom contact hours. Normally, students are expected to devote nine to twelve (9 – 12) hours of academic time and effort per week for a three (3) credit course. Academic time and effort includes class time (e.g., lectures, labs, studios, tutorials, etc.) as well as any experiential or blended components. In addition, all independent study (e.g., assignments, readings, preparation, study, etc.) is included.

Courses are normally valued as three (3) credits or multiples of three credits.

ATTENDANCE POLICY

Students are allowed to attend a course once they have officially registered, are enrolled on a credit or audit basis and have paid the appropriate fees. It is the responsibility of the student to attend all classes. University policy requires a student to conform to the particular attendance requirements established by the instructor of each course. **Students should be aware that there is a possibility of losing their seat in a class if they fail to attend the class on the first day it meets.** In the situation where circumstances prevent a student from attending the first class, notification to the instructor of expected absence will ensure that the seat in the class is held.

GRADUATION

Changes in regulations governing programs may be made from time to time. Students who have not interrupted their program will be given the option of graduating in accordance with the old regulations or completing their program under the new regulations governing their current registration. Such students must make their choice known to their Academic advisor and the Office of the Registrar at the time of their application for graduation.

Where a required course for graduation is no longer offered, the department Chair may specify an alternative. In extreme cases where students cannot complete their program under the old regulations, they will be phased into the new program without disadvantage. Students who interrupt their program for a period of twelve (12) months or more will be required to comply with the new graduation requirements published in the calendar in effect at the time they are readmitted to the University.

EXAMINATION POLICY

All final examinations must be scheduled by the Office of the Registrar except those which are take-home examinations, oral examinations or term projects. In courses where an alternative means of final assessment other than a final examination is more appropriate, the department Chair shall recommend to the dean or director the alternative type of assessment, indicating its rationale. The decision of the dean or director shall be final.

Students must be available for examinations up to the last day of the examination period as specified in the Academic Schedule section of this calendar.

Other regulations related to the conduct of examinations appear on the cover of the examination booklet.

LIMITATION ON EXAMINATION WEIGHTING

In the calculation of the final grade average, the following limitations apply:

- The final examination shall comprise not less than 20% nor more than 50% of the final grade.
- Evaluation accounting for not less than 25% of the total final grade must be completed and the results communicated back to the student at least five (5) working days before the final withdrawal date for each semester.
- Any tests carried out during the last two weeks of lectures may not account, in total, for more than 10% of the final grade, except in the case of laboratory or oral testing, take-home examinations or term projects.
- "Take-home" examinations cannot count for more than 25% of the final grade for a course.

POSTING THE FINAL EXAMINATION TIMETABLE

The Final Examination Timetable shall be prepared and made available on the University's website by the Office of the Registrar approximately six weeks but no later than five weeks before the last day of classes in the Fall and Winter semesters.

DETERMINATION OF A FINAL GRADE

Each professor responsible for a course is required to make available to each student in the class, within two weeks of the first day of classes in that course, a written statement of the method of grading and the weights to be assigned to the various components that are to be considered in determining the final grade (term papers, laboratory work, class participation, tests, final examination). This weighting may not be changed during the semester or at the time of final grade reporting. The format of the written outline may be in hardcopy or online as deemed appropriate for the course.

DEFERRED EXAMINATION

The authority to grant or deny a deferred final examination rests with the Chair of the department in which the course is offered. Under no circumstances is the deferred examination to be granted after a student has written the original examination. A student who is unable, for a valid reason, to write a final examination at the scheduled time may apply for a deferred examination. Valid reasons for requesting deferral of a final examination include but are not restricted to: personal illness, bereavement, personal injury, unavoidable and unanticipated demands in caring for dependents. The department Chair may also consider other compelling reasons that are outside the student's control. The application must be supported by appropriate documentation.

If the intended absence is due to religious conviction, the Registrar and professor must be informed in writing of the conflict at least two weeks prior to the date of the examination. If a student becomes ill or is notified of an incident that creates severe emotional distress during an examination, he or she should report at once to the invigilating professor, hand in the unfinished examination paper and request that it be cancelled. If illness is the cause, he or she must report directly to Health Services so that any subsequent application for a deferred examination may be supported by a medical certificate. Should Health Services be closed, a medical certificate must be obtained from an off-campus physician. The professor and department Chair should be informed of the circumstances in writing, and the medical certificate must be delivered to the Office of the Registrar within 48-hours after the scheduled examination.

Should a student write an examination, hand in her paper for marking, and later report extenuating circumstances to support the request for cancellation of the paper or examination, such requests will not be considered.

Students who have more than two exams scheduled on any calendar day may request and shall be granted a deferral for the third (fourth, fifth, etc.) examinations scheduled on the day. In the event a conflict arises because two or more exams are scheduled at the same time, the Registrar (or designate) will consult with faculty members and assign the deferred examination.

LOSS OF PRIVILEGE

Students who are eligible, but who do not apply for a deferred examination by the prescribed deadlines, shall automatically lose this privilege. Students who have been granted deferred final examination privileges, but who do not show acceptable cause for not writing at the prescribed time, shall automatically lose the privilege of further deferral.

DEFERRED WORK

Professors are normally free, subject to any established departmental or faculty procedures, to administer their own policies regarding deadlines for the completion of term papers or assignments; students must be made fully aware of these policies. However, should extensions of time for completing term work be requested beyond the deadline for return of final course grades, the procedures for "I" grades must be followed.

CORRECTION OF GRADES

Once a student's final grade has been recorded by the Office of the Registrar, a professor may not request that this final grade be changed unless it was assigned in error. A *Change of Grade* form must be submitted certifying the reasons why the first grade is in error. The form must be signed by the professor and the department Chair offering the course. Requests for a change of grade must reach the Office of the Registrar no later than 30 days after the start of the next major (13-week) semester. **Under no circumstances will professor-initiated grade changes be accepted after this period.**

TRANSCRIPTS AND THE RELEASE OF INFORMATION

A permanent record of each student's accumulated courses, attempted credits, grades earned and address information is maintained by the Office of the Registrar.

Official transcripts are normally issued to educational institutions, potential employers and students upon request. The student is responsible for any cost associated with this service. Transcripts issued to the student are unofficial. Transcripts may be ordered online, by mail, fax, or in person. When ordering transcripts by mail or fax from the Office of the Registrar, the following information must be included in the written request:

- Full name (and former names, if applicable)
- Student identification number (if known)
- Date of birth
- Dates of attendance at Mount Royal University
- Name and address to which transcripts are to be sent
- Number of transcripts required
- When transcripts are to be mailed out, one of the following should be specified:
 - Send immediately
 - Hold for Fall Semester grades
 - Hold for Winter Semester grades
 - Hold for Spring Semester grades
- Student signature and date
- Daytime telephone number

If you have applied to graduate and wish to have your certificate, diploma or degree noted on the issued transcript, indicate that your transcript is to be held until the graduation notation has been recorded.

The personal information that students provide when applying for Mount Royal programs and courses is collected under the Post-Secondary Learning Act (s. 65) and the Freedom of Information and Protection of Privacy Act (s. 33 a & c). Personal information is protected by Alberta's Freedom of Information and Protection of Privacy Act and can be reviewed on request.

Only a student's name, whether or not s/he is registered and the credential awarded (i.e., degree, applied degree, diploma, certificate, etc.) are defined as the student's public record. All other information is considered confidential and will be used and disclosed in accordance with privacy legislation. Information pertaining to a minor who is registered at Mount Royal will only be used and disclosed in accordance with privacy legislation. All third-party inquiries should contact the Office of the Registrar to obtain a Release of Information form.

If you have any questions about the collection or use of this information, please contact the Office of the Registrar at 403.440.6346.

RELEASE OF GRADES

Only the Office of the Registrar has the authority to issue or release official grade information or other academic records and transcripts. However, department Chairs or their delegates are authorized to release or post final grades at the end of each semester in accordance with privacy legislation.

The University does not mail out final grade statements. Students are responsible for confirming their final grades and academic status at the end of each semester by accessing MyMRU on the Mount Royal University website (mtroyal.ca). Students may obtain printed copies of their final course grades by accessing MyMRU (mtroyal.ca) from one of the University's Student Computing Centres, or from a public access terminal located outside the Office of the Registrar or inside the Admissions and Recruitment Office.

OFFICIAL COMMUNICATION

- A letter mailed to a student's address as currently on record in the Office of the Registrar will be considered received. The University is not responsible for incorrect mailings.
- All e-mail correspondence from the Office of the Registrar will go to a student's MyMRU e-mail account. These messages will be considered received.

NAME AND/OR ADDRESS CHANGE

- Every student is required to provide a mailing address at the time of registration
- In the case of a change of address, students are required to notify the Office of the Registrar in writing. No third-party requests will be considered.
- Change of name must also be reported to the Office of the Registrar; appropriate documentation confirming the change of name (birth, marriage, divorce certificate or relevant court documents) must be provided.

COUNTERFEITING AND ALTERING

No person(s) shall reproduce, copy, misuse, tamper with or alter in any way, manner, shape or form whatsoever any official writing, record, document or identification form used or maintained by Mount Royal University. Any student who submits fraudulent documents (e.g., transcripts, parchments, etc.) as part of the admission or registration processes will be reported to the Office of Student Conduct.

ACADEMIC APPEALS AND GRIEVANCES

A. INTRODUCTION

The basic principles governing the hearing of student appeals and grievances are as follows:

- That fairness will be applied to all parties in procedures and decisions;
- That sound academic decisions will not be set aside on the basis of minor irregularities in procedures;
- That academic decisions should be made as close as possible to the level on which the academic competence resides;
- That all members of a committee hearing an appeal should be free of bias;
- That students may wish to consult with the Students' Association Student Advocacy Coordinator at any stage of the process;
- That all parties have the option of having a third party present during any stage of this process, this third party being a peer or colleague chosen by the individual.
- It is not intended that any appeal or grievance hearing shall be conducted on an adversarial basis or like a trial in law. In keeping with the spirit of this policy, Mount Royal does not permit representation by legal counsel at appeal and grievance hearings.
- A complete copy of the pertinent policy and procedure is available from the Office of the Registrar.

B. APPEAL OF FINAL GRADE/ACADEMIC JUDGEMENT

1. You can appeal the final grade in your course if you can present evidence that:

- The final grade was not calculated on all of the work completed and as indicated in the course outline; or
- There was a mathematical miscalculation of the final grade; or
- There was an alleged unfair assessment of academic performance. If you choose this option, you will be asked to present documentation that specifies the basis for your belief that the assessment was unfair.

2. General Procedure

The following steps outline the general procedures and timelines for appealing your final grade(s). If you need advice on the process, you should contact your academic advisor, counsellor, Students' Association representative, the Ombudsperson or the Office of the Registrar. If you need support during the process, you should contact the Students' Association, Counselling Services or anyone else that you trust.

Step 1: Informal Discussion with Professor

If you wish to challenge the final grade awarded in a course, you should first discuss the matter with your professor before going to the next step.

Step 2: Review of Final Grade by Chair

If you are not satisfied with the result from Step 1, you can file a **Final Grade Review Request Form** (available from the Office of the Registrar). You must do this no later than fifteen (15) **working** days after the final grade has been posted. Remember that you are obliged to present evidence that your request for a higher grade has strong merit based on the grounds outlined in Section 1 above.

Once you have completed the proper form, return it to the Office of the Registrar. The form will be sent to the Chair who has a number of options: (i) Further discussion with the professor and you; (ii) Re-examination of the work in dispute; (iii) Review of the course outline; (iv) Conduct a review of work submitted by other students (if possible) or (v) Request that your work be remarked by another qualified professor. There may be other options but these are the actions most frequently taken.

When the Chair has made a decision, s/he will return the form to the Office of the Registrar and inform the professor and you in writing of the decision. Under normal circumstances, the process up to this point should not take more than twenty-five (25) working days.

Step 3: Appeal of Final Grade to the Dean/Director or Faculty Appeals Committee

If you are not satisfied with the result of the Chair's review, you can complete a **Final Grade Appeal Form** (available from the Office of the Registrar). Once you have completed the form, return it to the Office of the Registrar within five (5) working days of receiving the Chair's decision. The form will be sent to the Dean/Director of the faculty who will normally act as the Chair of a Faculty Appeals Committee. Your appeal will be considered if, and only if, any or all of the following grounds can be convincingly demonstrated to the Chair of the Faculty Appeals Committee:

- (a) There is new evidence that was not considered by the Chair; or
- (b) There was a procedural error in reaching the decision; or
- (c) The findings of the Chair were not supported by the evidence.

If the Chair feels the evidence is not sufficiently convincing, s/he will deny your request. If s/he feels that there are grounds for an appeal, s/he will convene a Faculty Appeals Committee consisting of the Dean, a Students' Association representative, two faculty members and the Registrar. The student representative and faculty members must be unfamiliar with the dispute or the parties.

Normally, this step will take an additional ten (10) to twenty (20) working days depending on the course of action. Except under extraordinary circumstances, the decision of the Committee Chair or the Committee is final.

Step 4: Appeal of the Decision of the Faculty Appeals Committee

You can appeal the decision of the Dean/Director or the Faculty Appeals Committee, whichever has rendered the decision if you are not satisfied. However, you must convincingly demonstrate that any or all of the following conditions are present.

- (a) Alleged bias of the Faculty Appeals Committee; or
- (b) Alleged unfair procedures on the part of the Faculty Appeals Committee; or
- (c) Substantial new evidence that could not have been presented to the Faculty Appeals Committee.

If you feel you have grounds for appeal at this level, you must provide a written statement to the Office of the Registrar that raises reasonable doubt as to the appropriateness of the decision made by the Faculty Appeals Committee and that support your request for a hearing. You must do this within five (5) working days of receiving the decision from Step 3. You will be notified in writing about the next actions that will be taken.

C. APPEAL OF FINAL GRADE / NON-ACADEMIC JUDGEMENT

1. General procedure

If you feel that there has been an injustice in determining your academic standing in a course or program on grounds other than the exercise of academic judgment, you should first discuss the matter informally with your professor or Chair to attempt a resolution of the problem. You will be asked to present documentation that specifies the behaviour(s) that led to your allegation and when the alleged injustice(s) occurred. The following steps outline the general procedures and timelines for appealing your final grade(s) because of a perceived injustice.

If you need advice on the process, you should contact your academic advisor, counsellor, Students' Association representative, the Ombudsperson or the Office of the Registrar. If you need support during the process, you should contact the Students' Association, Counselling Services or anyone else that you trust.

Step 1: Informal Discussion with the Professor

If you are alleging an injustice in determining your academic standing in a course or program on grounds other than the exercise of academic judgment, you should first discuss the matter informally with the professor or Chair to attempt a resolution of the problem.

Step 2: Informal Hearing with the Dean/Director

If the problem cannot be resolved after informal discussion with the professor or Chair, you must file a **Notice of Appeal: Non-Academic Judgment** (available from the Office of the Registrar). You need to submit this form to the Office of the Registrar within five (5) working days of the action or circumstance in question. You will need to state the basis for the allegations and must include the following:

- (a) A summary of the academic decision being appealed;
- (b) Grounds for the appeal; and
- (c) The suggested remedy.

Once the Dean/Director has received the completed form and other documents from the Office of the Registrar, the individual who made the original decision will have time to outline the reasons for the decision and a suggested remedy. On receipt of the reply from the Chair, the Dean/Director will convene a meeting for the purpose of informal discussion and resolution of the dispute. All parties to the dispute will attend the meeting at which time all parties to the dispute will be given an opportunity to question each other and make representations.

The Dean/Director will render a decision following the meeting, which will be given to the parties to the dispute in writing. Normally, these two steps will be complete within twenty (20) working days.

Step 3: Appeal of Final Grade to the Dean/Director or Faculty Appeals Committee

If you are not satisfied with the result of the Dean/Director's decision, you can submit a request in writing to the Office of the Registrar that a Faculty Appeals Committee (to be chaired by a different Dean/Director) hear the appeal. This written request must be submitted to the Office of the Registrar within five (5) working days after the informal hearing decision is released. Your appeal will be considered if, and only if, any or all of the following grounds can be convincingly demonstrated to the Chair of the Faculty Appeals Committee:

- (a) There is new evidence that was not considered by the Dean/Director; or
- (b) There was a procedural error in reaching the informal hearing decision; or
- (c) The findings of the Dean/Director were not supported by the evidence.

If the Chair feels the evidence is not sufficiently convincing, s/he will deny your request. If s/he feels that there are grounds for an appeal, s/he will convene a Faculty Appeals Committee consisting of the Dean, a Students' Association representative, two faculty members and the Registrar. The student representative and faculty members must be unfamiliar with the dispute or the parties. The Chair of the Faculty Appeals Committee will communicate the decision in writing to the professor and you.

Normally, this step will take an additional ten (10) working days depending on the course of action. Except under extraordinary circumstances, the decision of the Faculty Appeals Committee is final.

Step 4: Appeal of the Decision of the Faculty Appeals Committee

You can appeal the decision of the Dean/Director or the Faculty Appeals Committee, whichever has rendered the decision if you are not satisfied. However, you must convincingly demonstrate that any or all of the following conditions are present.

- (a) Alleged bias of the Faculty Appeals Committee; or
- (b) Alleged unfair procedures on the part of the Faculty Appeals Committee; or

- (c) Substantial new evidence that could not have been presented to the Faculty Appeals Committee.

If you feel you have grounds for appeal at this level, you must provide a written statement to the Office of the Registrar that raises reasonable doubt as to the appropriateness of the decision made by the Faculty Appeals Committee and that support your request for a hearing. You must do this within five (5) working days of receiving the decision from Step 3. You will be notified in writing about the next actions that will be taken.

D. OTHER INFORMATION

1. Status of Student During An Appeal Process

During the course of any appeal or complaint procedure, you retain the right to participate in all classes until a final decision is given.

2. Access to Graded Course Work

Students have the right to supervised access to completed final examination papers which have been graded, without the benefit of a review with the professor or another University employee, within fifteen (15) working days whenever possible after the end of the semester in which the grade is awarded. Chairs should ensure that arrangements are made to meet this commitment in the event that faculty leave campus immediately after the end of the semester.

Graded course work retained by a professor may be destroyed one year after the end of the semester in which the work was graded. Students are responsible for producing the original graded course work which is the subject of the dispute. Altered work submitted for review or appeal will be considered an act of academic dishonesty.

3. Challenging the Course Weighting System

All students must be given a course outline at the beginning of the semester. The course outline must include the weight assigned to different components of the course. Challenges to the weighting applied to different components of the course will not be considered as part of a review or appeal process.

E. COMPLAINTS AND APPEALS WITH RESPECT TO MATTERS NOT INVOLVING ACADEMIC DECISIONS

Any student or employee of Mount Royal who feels they have a complaint about the operations of Mount Royal will be given an opportunity to be heard. Under normal circumstances, the first step is to discuss your complaint(s) or grievance(s) with the person(s) against whom your complaint is directed. If this is not possible or does not produce satisfactory results, you are encouraged to discuss the matter with the direct supervisor(s). If that step does not produce the desired result, the Ombuds' Office and its resources are available. Call 403.440.5956 to book an appointment.

CODE OF STUDENT CONDUCT

Mount Royal has a responsibility to define standards of student behavior and to provide reasonable expectations for student discipline with regard to conduct that jeopardizes the functioning of academic and non-academic activities. It is also the obligation of Mount Royal to protect the safety, rights and/ or property of its members or visitors. To this end, Mount Royal implemented the *Code of Student Conduct* policy.

Academic Misconduct

Academic misconduct is defined as the giving, taking or presenting of information or material that unethically or dishonestly aids oneself or another on any work which is to be considered in the determination of a grade, the compilation of academic requirements or the enhancement of a student's record or academic career.

Non-Academic Misconduct

Behaviour that is subject to disciplinary action under the Code includes violations of established civil and criminal statutes; conduct that threatens the safety or wellbeing of members of Mount Royal community; and any behavior that seriously and adversely affects Mount Royal or its educational mission.

The Code of Student Conduct is available through the Office of Student Conduct (C109), the Students' Association of Mount Royal University or at: mtroyal.ca/codeofstudentconduct

HARASSMENT OR DISCRIMINATION

Sexual harassment and other forms of discrimination are unacceptable at Mount Royal University. In cases of harassment or discrimination or for information about Mount Royal's Individual Rights Policy, you are advised to contact the Diversity and Human Rights Advisor in Room U216C.

ACADEMIC STANDING

Introduction

Mount Royal is committed to maintaining high academic standards, promoting student success, and endeavouring to support students who have difficulty meeting academic requirements. In the event a student is unable to meet academic requirements, Mount Royal will make all reasonable attempts to ensure that s/he is aware of potential consequences and that information about available support services is available.

Academic Standing in its various forms applies to all current Mount Royal students and relates to students' eligibility to register in credit courses within a Mount Royal program and their eligibility to graduate from a program. Students should be aware that specific programs may have additional **continuance requirements** that place additional conditions on how a student maintains eligibility to remain in a program of study. Students are solely responsible for being familiar with program-specific continuance requirements and general program- requirements in order to be eligible to graduate.

Academic Standing / Definitions

A student will be in **Good Standing** when s/he has accumulated a minimum of nine (9) earned credits overall, and has a cumulative Grade Point Average (GPA) of 2.00 or better.

A student is **Eligible to Graduate** when s/he has satisfied all program requirements specified in the curriculum at the time of admission to the program or the current program curriculum, and has met the requirements for Good Standing at the time the application to graduate is evaluated.

A student will be placed on **Academic Warning (AW)** when s/he has accumulated a minimum of nine (9) earned credits overall and has a cumulative Grade Point Average (GPA) of less than 2.00. A student will be permitted to remain on Academic Warning for a maximum of two (2) semesters unless they can demonstrate significant improvement in their semester GPA.

A student will be placed on **Academic Probation (AP)** when s/he has been on Academic Warning for two (2) semesters and has a cumulative Grade Point Average (GPA) less than 2.00. A student will be permitted to remain on Academic Probation for a maximum of one (1) semester unless they can demonstrate significant improvement in their semester GPA.

A student is **Required to Withdraw (RTW)** from the institution for a minimum of twelve months when s/he has been on Academic Probation for one (1) semester and has a cumulative Grade Point Average (GPA) less than 2.00.

A student is permitted to register for non-credit classes after a requirement to withdraw. For additional information about the application process please refer to the Mount Royal website or contact the Office of the Registrar

A student can demonstrate **significant improvement** if s/he has a semester GPA of 2.20 or higher in at least two three-credit courses. A semester GPA is calculated on all grades earned in a given semester.

Note: There is no appeal process for Academic Warning or Academic Probation.

APPEALING A REQUIREMENT TO WITHDRAW (RTW)

Students can appeal their Requirement to Withdraw by completing the appropriate form available at the Office of the Registrar. The application must include supporting documentation or it will not be processed.

The only permissible grounds for appealing a Requirement to Withdraw will be as follows:

- (a) Medical reasons verified in writing by a physician. Documentation must establish a clear and substantive link to his/her academic standing over the period of time the credits were earned; **or**
- (b) Severe emotional distress verified in writing by a Mount Royal Counsellor or other certified mental health professional. Documentation must establish a clear and substantive link to his/her academic standing over the period of time the credits were earned.

A student who believes there may be other extenuating circumstances that do not fit the three categories above may submit an appeal.

Re-Admission to a Program After the Requirement to Withdraw (RTW)

Students who have been required to withdraw from Mount Royal must apply for re-admission in accordance with the application deadlines for new students that are specified in the Academic Schedule published in the Mount Royal Calendar.

Students seeking (re)-admission to a program must meet with a Mount Royal academic advisor regarding their academic plans. The academic advisor may refer the student to a University counselor if deemed appropriate. Students are required to bring a letter to the meeting with the academic advisor which: (1) offers an explanation for their having been previously unsuccessful, (2) outlines their academic plans, and (3) explains why they are now likely to be successful. The academic advisor will indicate to the Admissions Office when this consultation process has occurred in order to complete the student's application procedure. Admission is not automatic and will be considered on an individual basis.

ELIGIBILITY TO CONTINUE IN A PROGRAM

A student in Good Standing is eligible to continue in his/her program of studies. Students on Academic Warning or Academic Probation cannot be removed from a program unless General Faculties Council has approved the criteria that make that possible. Refer to specific program sections for additional information.

If a student has been removed from a program, s/he is eligible for readmission to the same program according to the academic criteria in place at the time of application unless General Faculties Council has approved an exception to that policy. Refer to specific program sections for additional information.



ACADEMIC STATUS

COMMON GRADING SYSTEM (EFFECTIVE FALL 2013)

Percentages	Alpha Grade	4.0 Point Scale	Description
95-100	A+	4.0	Excellent - Superior performance, showing comprehensive understanding of subject matter.
85-94	A	4.0	
80-84	A-	3.7	
77-79	B+	3.3	Good - Clearly above average performance with knowledge of subject matter generally complete.
73-76	B	3.0	
70-72	B-	2.7	
67-69	C+	2.3	Satisfactory - Basic understanding of subject matter.
63-66	C	2.0	
60-62	C-	1.7	
55-59	D+	1.3	Marginal performance - Generally insufficient preparation for subsequent courses.
50-54	D	1.0	
0-49	F	0.0	Fail - Assigned to students a) who do not meet the academic requirements of the course, or b) who cease to continue in the course, but do not withdraw as per MRU policy.

NOTE: All courses are required to follow the percentage to alpha grade conversion table for final marks.

Symbols (not calculated in Grade Point Average)

AU	The AU symbol is given if a course is audited.
CR	Prior Learning Credit This refers to credit assigned through the Prior Learning and Recognition (PLAR) assessment process.
NC	No Prior Learning Credit This refers to credit not assigned through the Prior Learning and Recognition (PLAR) assessment process. Refer to the <i>Prior Learning Assessment and Recognition</i> policy and procedures in the Transfer Credit and Evaluation of Prior Learning section.
EF	Experiential Fail Indicates unsatisfactory performance in an experiential learning course (practicum, fieldwork, internship, or clinical placement).
EP	Experiential Pass Indicates successful completion of an experiential learning course (practicum, fieldwork, internship, or clinical placement).
F	Fail (Co-op courses only).
P	Pass (Co-op courses only).
I	Incomplete Temporarily applied when a student has not completed semester work to the satisfaction of the professor and has been granted an extension to complete that work. (See section below for conditions).
IP	In Progress Applied to the first semester when a course is more than one semester in length.
Q	Unassigned Grade An administrative code assigned by the Registrar's Office in extenuating circumstances and on an interim basis, along with appropriate transcript notation, pending resolution of a final grade decision.
TR	Transfer course indicates that a course was taken at another post-secondary institution.

W	Withdrawal A student receives a "W" following official withdrawal from a course. (See section below for conditions).
WC	Withdrawal with Cause A student receives a "WC" following official withdrawal from a course due to special circumstances. (See section below for conditions).

The method by which professors arrive at the final course grades is left to their discretion. In different departments and within departments, different percentages might be required for a Satisfactory standing. However, the system used must be communicated to the students at the beginning of the semester and should be stated in the course outline for each course. Professors must convert their own method for determining course standing to the official grading system when submitting final grades to the Office of the Registrar. The University will not undertake any official conversion or equation of letter grades with any percentage or other grading systems.

Conditions for 'I' symbol

The decision as to whether or not the student will be permitted to enter into a contract for the completion of a course rests with the professor. If the professor is not available, the student should contact the appropriate department/program Chair.

The agreement must be arranged prior to the deadline for submission of final grades and a copy of the agreement must be forwarded to the Office of the Registrar by the professor.

Course requirements must be completed within a maximum of 60 calendar days after the end of the semester.

The contract must indicate what the letter grade for the course will be if the student does not complete the course work specified in the professor-student contract (i.e., the grade earned in the course to that date).

Unless the Office of the Registrar has been notified before, at the end of the 60-day period, the "I" symbol will be changed to a letter grade as determined by the professor, or, if the specified course work has not been completed, the

"I" will be changed to the grade indicated in the professor-student contract.

Extension of the 'I' symbol contract beyond the 60-day period can be made at the discretion of the professor.

Conditions for 'W' symbol

A 'W' symbol can be applied up to and including the withdrawal deadline as stated in the Academic Schedule.

Any consideration for withdrawals after this deadline must be supported by medical and/or psychological documentation.

No withdrawals are permitted after the last day of classes.

Conditions for 'WC' symbol

Students can apply for a 'WC' at any time during the semester up to and including the last day of scheduled classes.

A 'WC' will apply under the following conditions:

- serious illness, verified in writing by a physician, or
- severe emotional distress, verified in writing by Student Counselling Services or other registered mental health professional.

Except under exceptional circumstances, a student who has entered into an 'I' contract will not be eligible for a 'WC'.

Note: Students who apply for a 'WC' after the withdrawal deadline stated in the Academic Schedule must provide documentation that explicitly states (i) why s/he could not meet the deadline and (ii) why it is not possible for him/her to finish the semester. Confidential information is not required but these questions must be answered for any consideration. Normally, no consideration will be given after the final exam for the course has been written.

Removal from Experiential Learning course

At the professor's discretion, a student in an experiential learning course (such as, practicum, fieldwork, directed field study, internship, or clinical placement) may be removed from the course at any point in that course and assigned an "F" or "EF" grade at the end of the course, when under exceptional circumstances, the student's academic performance directly or indirectly threatens the safety of, or increases the risk to, others.

GRADE POINT AVERAGE

The Grade Point Average is determined by dividing the total grade points earned by the number of credit hours attempted. The "AU", "CR", "I", "NC", "P", "Q", "IP" and "W" and "WC" grades are not included in calculating the Grade Point Average. Academic upgrading courses (those numbered 0100-0999) are also not included in calculating the Grade Point Average.

Example: Assume a student earns the following grades: Interior Design – A, Chemistry – B, English – C, Geology – D, German – F, Mathematics – I and Psychology – W.

Course	Grade	Points		Credits	Points
CHEM 1201	B	3	x	3	= 9
ENGL 1101	C	2	x	3	= 6
GEOL 1101	D	1	x	3	= 3
GERM 1105	F	0	x	3	= 0
INDS 2225	A	4	x	3	= 12
MATH 1224	I	NA	x	3*	= 0
PSYC 1104	W	NA	x	3*	= 0
				15	30
Total Grade Points					30
Total Credits*					15*
Grade Point Average				=	2.00

* "I" and "W" grades are not counted.

Cumulative Grade Point Average is calculated on all grades earned at Mount Royal.

Semester Grade Point Average is calculated on all grades earned in a given semester.

Program Grade Point Average is calculated on all grades earned for all courses required for graduation in a program of study.

DEAN'S HONOUR ROLL

A student who earns twelve (12) or more credit hours in a semester at Mount Royal University with a Grade Point Average of 3.50 or higher will be placed on the Dean's Honour Roll for that semester.

PRESIDENT'S HONOUR ROLL

A student who earns twenty-four (24) or more credit hours in an academic year at Mount Royal University with a Grade Point Average of 3.75 or higher will be placed on the President's Honour Roll.

REPETITION OF A COURSE

Students may repeat any course. When a course is repeated, the original grade remains on the student's academic record. Only the higher grade awarded is used to determine the cumulative Grade Point Average, eligibility to graduate and continuance as a student in good standing at the University.

A course may only be counted once for any program requirement pertaining to graduation.

GENERAL GRADUATION REQUIREMENTS

Generally, all students who expect to receive a parchment from Mount Royal University must satisfy the graduation requirements for a baccalaureate degree program, a diploma program or a certificate program as shown in this section. Several programs have special graduation requirements, which must also be met before a degree, diploma or certificate can be awarded. The additional requirements are shown in the program description section of the programs concerned. (Also see Academic Regulations – Graduation). Students are cautioned to note the general statements regarding graduation and the restrictions and interpretations that follow. Do not hesitate to consult the Office of the Registrar if you are uncertain about your graduation status.

APPLICATION TO GRADUATE

All students who are candidates for the award of a baccalaureate degree, diploma or certificate are responsible for notifying the Office of the Registrar of their intention to graduate. They must complete and submit to the Office of the Registrar the Application to Graduate Form prior to the relevant deadline indicated in the *Academic Schedule* in this calendar. The application form is available online or at the Office of the Registrar.

Candidates graduate in accordance with the conditions and requirements shown in the calendar of the year in which they first enrolled in the program, provided there has been no break in their attendance at the University. Students who discontinue their studies will be subject to the graduation requirements published in the calendar at the time of their return to the University. Also see *Graduation* component of the *Academic Regulations* section.

ELIGIBILITY TO GRADUATE

In order to graduate from any Mount Royal credit program, a student must satisfy all program requirements specified in the curriculum at the time of admission to the program or the current program curriculum, and meet the requirements for Good Standing (see Academic Standing section) at the time the application to graduate is evaluated.

Admission to program

To be eligible to graduate from a Mount Royal University program, a student must have been **officially admitted** into the program and must normally complete **at least 25%** of the graduation requirements as a student within the program, except where written approval has been given by the Dean/Director of the faculty/centre/school.

Residency

Normally, 50% of the academic work completed toward the award of a Mount Royal parchment must be completed at Mount Royal, except where written approval has been given by the Dean/Director of the appropriate faculty/centre/school.

In addition, at least 50% of the Directed Field Study requirement for an applied degree must normally be completed as a student of Mount Royal.

Program Pattern

A student must successfully complete all requirements as stated in the approved program pattern (see the Academic Program section). This includes earning the number of required credits, successfully completing all courses identified as the program core, meeting the General Education requirements as well as any specified requirements.

Cumulative Grade Point Average (GPA)

A student must have a cumulative GPA of at least 2.00 based on all courses required for graduation in the program which will include all the core courses specified in the published curriculum pattern for that program, as well as all approved options and electives, and General Education courses. Some programs may require a higher GPA for graduation.

General Education Requirements

Mount Royal has phased out Arts & Science requirements in favour of General Education in most degree and diploma programs. Students are advised to consult closely with their advisor to ensure that they are meeting program requirements. mtroyal.ca/gened/courses

Applied Degree Programs With a Diploma Exit Option

In Applied Degree programs with a diploma exit option, students may be eligible to be awarded a diploma after completing their second year of studies **without exiting** from the program. Students wishing to receive the diploma must declare their intention to graduate (without exit from the program) within their second year of studies prior to the relevant deadline indicated in the current Academic Schedule.

RESTRICTIONS

- No course may be presented to fulfill more than one graduation requirement **within one credential**. (For example, English 1101 may not be used to satisfy a program core requirement and a General Education requirement.)
- See following sections for specific restrictions on using courses to complete a minor or double major.
- No high school or matriculation equivalent course (level 30 or lower) may be used for graduation purposes (see list of high school/matriculation equivalent courses in the section entitled High School Matriculation Equivalents).
- Students may apply credits obtained under one Mount Royal program towards the graduation requirements of another, different program up to **a maximum of 50 per cent** of the graduation requirements of the new program (e.g., transferring credits from a diploma to a baccalaureate degree).
- Students may apply credits obtained under one Mount Royal program towards the graduation requirements of another, similar program up to **a maximum of 75%** of the graduation requirements of the new program (e.g., transferring credit from a Bachelor of Arts to Bachelor of Science). Within Applied Degree programs, transfer credit will normally only be given for 50% of the Directed Field Study requirement of the new program.

- English 2263 is not considered to be a senior-level Arts and Science course for graduation purposes.
- English 0212 is a university-level course but unless it is specifically required for a program, it can only be used to satisfy an elective requirement.
- No more than one course (not to exceed four (4) credits) of Directed Readings can be used for graduation purposes.

LETTER OF PERMISSION

Students who wish to complete relevant course work for a baccalaureate or applied degree, diploma or certificate program at another recognized or accredited post-secondary institution must receive prior approval by completing and submitting a Letter of Permission Form. See section entitled *Transfer Credit and PLAR* for information on the *Letter of Permission*.

TIME LIMITATION – BACCALAUREATE OR APPLIED DEGREE COURSE WORK

All graduation requirements for a baccalaureate or an applied degree program must be completed within eight (8) years of initial admission to and enrolment in the baccalaureate or applied degree program. The prior learning of all students entering baccalaureate or applied degree programs will be fully assessed at the point of admission for possible advanced standing or transfer credit. Applicable credit for prior learning which is recognized at the point of entry into the program will remain valid for the same time limit (eight [8] years) as is permitted to complete the program. Any student who is unable to complete a credential within the stated time limits will be removed from the program and will be required to apply for readmission.

TIME LIMITATION – DIPLOMA OR CERTIFICATE COURSE WORK

All graduation requirements for a certificate or diploma program must be completed within six (6) years of initial admission to and enrolment in that certificate or diploma program.

The prior learning of all students entering certificate or diploma programs will be fully assessed at the point of admission for possible advanced standing or transfer credit. Applicable credit for prior learning which is recognized at the point of entry into the program will remain valid for the same time limit (six [6] years) as is permitted to complete the program. Any student who is unable to complete a credential within the stated time limits will be removed from the program and will be required to apply for readmission.

PROGRAM DEFINITIONS

Baccalaureate Degree

Normally, baccalaureate degree programs consist of forty, three-credit courses (typically eight semesters) and consist of courses in three categories: Program Core, General Education, and Electives. Because of accreditation requirements and other professional requirements, the number of courses required to meet core requirements may vary. Specific requirements are:

- Normally, the program core will not be more than twenty-four courses within a forty course program.
- General Education requirements in a program will normally consist of twelve courses: Four courses will be taken at the foundation level: one from each of the General Education Program's four thematic cluster areas. Four courses will be taken at the second tier: one from each of the thematic clusters. Four courses must be taken at the third tier, selected from at least two of the thematic clusters.
- Normally, electives constitute a minimum of four courses from the total number of courses that make up the program.

Applied Degree

Applied degree programs require a minimum of forty, three-credit courses, and shall not require more than forty-four, three credit courses (or equivalent) and have the following requirements:

- A minimum of 30 credits to be delivered through experiential learning, which may be embedded in classroom-based courses or other courses.
- Eight courses must be taken to satisfy General Education requirements. Specifically, four courses must be taken from each of the four clusters at the Foundation level. Four additional courses must be taken at the second or third tier and must be chosen from all four thematic clusters.
- At least one course of a student's choosing without restriction.

Major

A major is a prescribed set of no less than fourteen courses or normally no more than twenty-four courses within a forty course program. The designation for major will normally appear on the transcript and the degree parchment.

Minor

A minor is a prescribed set of no less than six courses and no more than ten courses. The designation for minor will appear on the transcript but not on the degree parchment.

Diploma

- Generally, diploma programs will have a minimum of 60 credits and a maximum of 72 credits and have the following requirements (effective for Fall 2010 admissions):
- Five General Education requirements: Cluster 4, Foundation; four other courses chosen from each cluster at the foundation or higher level. (NOTE: Some diplomas may have been granted exemptions to these requirements. Students should consult with an advisor or refer to the appropriate section in this calendar.); and
- Program core courses (no fewer than 36 credits), electives and approved options.

Cognate Course

A cognate course is a one from outside a defined discipline which complements and enhances the breadth of knowledge and skills found within the area of study.

Interdisciplinary program

A program is considered interdisciplinary when it combines and integrates courses primarily within one discipline with cognate courses.

RESTRICTIONS

Minors/Double Minor

- A minor must be clearly distinct from the major in a student's program in that courses used to satisfy a core requirement in a major cannot be used to satisfy a requirement for a minor.
- With an interdisciplinary program, courses used to satisfy a core requirement can be used to satisfy requirement for a minor if (i) Courses used to construct the minor are cognate within the major; and (ii) The completion of the minor does not result in a total credit count that is less than the total requirements for the program.
- Courses used to satisfy a General Education and/or elective requirement within a program can also be used to satisfy a requirement for a minor.

Double Majors

- Discipline choices for a double major must be made within a single Faculty.
- All core requirements for each major must be satisfied in a manner approved by the Dean.
- All General Education requirements for the degree must be satisfied.
- A maximum of four (4) General Education (12 credits) courses can be used to satisfy the requirements for a double major.
- Courses which satisfy an Elective requirement can be used to satisfy the requirements for a double major without restriction.

Credit Certificate

Programs offering this type of credential may include program core courses, electives and approved options (minimum of 18 credits and 6 courses). Generally, programs of this type will be from 6 to 10 courses in length and will focus on professional development, post-diploma or post-baccalaureate education.

Certificate of Achievement

This type of certificate is given to acknowledge completion of an approved series of related credit courses (minimum of 9 credits and 3 courses). Generally, programs of this type will be from 3 to 5 courses in length and will focus on professional development.

Credit-Free Certificate

Programs offering this type of credential include at least three required program core courses and in addition, there may be a series of options from which a specified number may be selected. Programs of this type must have a minimum of 60 instructional hours and individual courses within the program will not usually be less than 15 hours in length.



INSTRUCTIONAL DEPARTMENTS



INISKIM CENTRE (ABORIGINAL STUDENT ACADEMIC SUPPORT CENTRE)

Department: 403.440.5596

Director, M. Poitras: 403.440.5668

Aboriginal Education Program, Administrator,
K. Paul: 403.440.6020

BISSETT SCHOOL OF BUSINESS

School: 403.440.6833

Dean, M. Young: 403.440.8440

Associate Dean, V. Kinnear: 403.440.6315

Chair, Accounting

R. Smistad: 403.440.5689

Chair, Entrepreneurship, International Business and Aviation

H. Valladares Montemayor: 403.440.8637

Chair, Financial Services, Supply Chain Management and
Risk Management & Insurance

J. Fischer: 403.440.6835

Chair, Management

P. Varella: 403.440.5099

Assistant Chair, Aviation

L. Cygman: 403.440.8719

Chief Flight Instructor, Aviation

D. Wiebe: 403.288.9551

FACULTY OF ARTS

Dean, J. Keshen: 403.440.6960

Associate Dean, TBA

Department of English

Department: 403.440.6451

Chair, D. Hyttenrauch: 403.440.6453

Department of Humanities

Department: 403.440.6054

Chair, J. Pettit: 403.440.5985

Department of Interior Design & Art History

Department: 403.440.5143

Chair, H. Evans Warren: 403.440.6953

Department of Languages & Cultures

Department: 403.440.6528

Chair, G. Mossiere: 403.440.5962

Department of Policy Studies

Department: 403.440.6527

Chair, D. Bratt: 403.440.6540

Department of Psychology

Department: 403.440.6467

Chair, TBA

Department of Sociology & Anthropology

Department: 403.440.6425

Chair, T. Buchanan: 403.440.8774

FACULTY OF COMMUNICATION STUDIES

Office: 403.440.6901

Dean, M. Chikinda: 403.440.6117

Chair, Broadcasting

I. Ratushniak: 403.440.6114

Chair, Information Design

B. Kunz: 403.440.7091

Chair, Journalism

S. Snow-Capparelli: 403.440.6561

Chair, Public Relations

J. McNichol: 403.440.5697

Chair, Theatre, Speech and Music Performance

J. Brennan: 403.440.6811

FACULTY OF HEALTH AND COMMUNITY STUDIES

Dean, C. London: 403.440.6496

Associate Dean, V. Salyers: 403.440.8433

Centre for Child Well-being

Department: 403.440.6941

Director, D. Clark: 403.440.6941

Department of Advanced Specialty Health Studies

Department: 403.440.7296

Chair, Department of Advanced Specialty Health Studies

H. McLellan: 403.440.7201

Coordinator, Advanced Studies in Critical Care Nursing
(Emergency Nursing)

H. McLellan: 403.440.7201

Coordinator, Advanced Studies in Critical Care Nursing
(Critical Care and Neuroscience Nursing)

P. Nickle: 403.440.6982

Coordinator, Advanced Studies in Perinatal and
Neonatal Nursing

S. Beischel: 403.440.7054

Coordinator, Forensic Studies

C. Carter-Snell: 403.440.6679

Coordinator, Midwifery

D. Duran-Snell: 403.440.5544

Coordinator, Studies in Aging

M. Rogerson: 403.440.6882

Department of Child and Youth Studies

Department: 403.440.5968

Chair, Department of Child and Youth Studies

C. Smey Carston: 403.440.6447

Department of Justice Studies

Department: 403.440.6379

Chair, Department of Justice Studies

K. Sundberg: 403.440.5646

Department of Physical Education and Recreation Studies

Department: 403.440.6500

Chair, Department of Physical Education and Recreation Studies

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Coordinator, Athletic Therapy

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Coordinator, Ecotourism and Outdoor Leadership

J. Pavelka: 403.440.6512

Coordinator, Physical Education – University Transfer

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Coordinator, Sport and Recreation

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Department of Social Work and Disability Studies

Department: 403.440.6448

Chair, Department of Social Work and Disability Studies

G. Warthe: 403.440.6441

Program Lead/Practicum Coordinator, Disability Studies

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Coordinator, Social Work

Y. Dean: 403.440.5920

School of Nursing

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Director, School of Nursing

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A. Barkman: 403.440.6552

Manager, Internationally Educated Nurse Assessment Centres Alberta
North and South

S. Goodman: 403.440.6888

FACULTY OF SCIENCE AND TECHNOLOGY

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Chair, Biology, R. Pickett Seltner: 403.440.8734

Chair, Chemistry, S. Morante: 403.440.6363

Department of Computer Science and Information Systems

Department: 403.440.6149

Chair, R. Hoar: 403.440.7061

Department of Earth Sciences

Department: 403.440.6165

Chair, P. Johnston: 403.440.6174

Department of Environmental Science

Department: 403.440.6615

Chair, R. Saint-Fort: 403.440.6683

Department of Mathematics, Physics and Engineering

Department: 403.440.6147

Chair, M. Diaz-Avila: 403.440.6029

FACULTY OF TEACHING AND LEARNING

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Dean, J. Zimmer: 403.440.7204

Academic Development Centre

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Manager, Learning Technologies, A. Veinotte: 403.440.7253

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Faculty Development Consultant, Curriculum and Assessment
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Faculty Development Consultant, Learning Technologies
R. Corbett: 403.440.6220

Faculty Development Consultant
E. Mullen: 403.440.6062

Faculty Development Consultant
A. Scrimger: 403.440.8940

Faculty Development Consultant
M. Carey: 403.440.7038

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A. Reil: 403.440.7002

Educational Technologist
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Educational Technologist, START Program Lead
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Media Production Group Team Lead
A. Gruber: 403.440.7232

Department of Education and Schooling

Department: 403.440.7729

Chair, I. Naested: 403.440.6428

Department of General Education

Department: 403.440.5935

Chair, K. Dharamsi: 403.440.8658

University Entrance Option Coordinator, D. Bennett: 403.440.8892

FACULTY OF CONTINUING EDUCATION AND EXTENSION

Dean, TBD

Program Director, Arts/Science and Technology
S. Cheney: 403.440.6864

Program Director, Business Education and Training
E. Lensen: 403.440.6857

Program Director, Community and Health Studies
C. White Prosser: 403.440.6715

Program Director, Credit Extension, Open Studies and Academic Upgrading
S. Cheney: 403.440.6864

Program Administrator, Credit Extension, Open Studies and Academic Upgrading
J. Wyber: 403.440.7279

Program Administrator, Transitional Vocational Program
C. Baskett: 403.440.6059

Program Administrator, Centre for Complementary Health Education
D. Palmer: 403.440.5550

Manager, Corporate Training
S. Mohtadi: 403.440.5557

Manager, Events and Conference Services/Specialized Services
A. Hennel: 403.440.8943

Business Operations Administrator
L. Tooes: 403-440-7722

Mount Royal Conservatory

Conservatory: 403.440.6821

Director, Mount Royal University Conservatory
P. Dornian: 403.440.6595

Manager, General Conservatory Programs
S. Nadler: 403.440.8956

Manager, Academy and Choral Programs
W. van der Sloot: 403.440.6823

Manager, Conservatory Services
A. O'Neil: 403.440.6771

Full-time and Part-time Credit-Free Certificates/Diplomas:

- Addiction Studies (classroom and online)
- Applied Project Management
- Behavioural Strategies (online)
- Business Analysis
- Business Law for Contract Management
- Business Process Management
- Change Management
- Child and Youth Human Rights (online)
- Children's Mental Health (online)
- Computer Skills for the Office
- Computerized Bookkeeping
- Condominium Management (classroom and online)
- Conflict Resolution
- Contract Management
- Cultural Diversity in Human Services (online)
- Curriculum Development and Instructional Design (online)
- Education Assistant
- Embalmer
- Employment Preparation
- Environmental Management for Business (online)
- Event Management (classroom and online)
- Funeral Director
- Funeral Director and Embalmer
- Human Resource Management
- Integrative Health Coach
- International Community Development (online)
- Leadership Development
- Lean Management and Continuous Improvement
- Management Development
- Massage Therapy Certificate and Diploma
- Nonprofit Management (online)
- Office Computer and Bookkeeping
- Personal Fitness Trainer Diploma
- Petroleum Land Administration - Land Contracts
- Petroleum Land Administration - Mineral Rights
- Petroleum Land Administration - Surface Rights
- Petroleum Land Business
- Petroleum Joint Venture Administrator
- Petroleum Joint Venture Analyst
- Police Studies (online)
- Professional Editing
- Project Management (classroom and online)
- Project Management in Construction
- Public Relations
- Publishing
- Residential Decorating (classroom and online)
- Shiatsu Therapy
- Social Media for Business
- Spa Therapy
- Strategic Management
- Supply Chain Management
- Supportive Counselling Skills
- Technical Writing
- Web Design
- Web Foundations
- Yoga Therapy

Programs for Designations Issued by Professional Associations:

- Canadian Association of Petroleum Production Accounting (CAPPA)
- Certified Commercial Investment Member (CCIM)
- Certified Financial Planner™ (CFP™)
- Certified Internal Auditor Program (CIA)
- Certified Management Accountant Accelerated Program
- Certified Payroll Manager Program
- Real Property Administrator (RPA)

Licensing Programs

- Canadian Investment Funds Course
- Life License Qualification Program

Certificates of Completion

- Adult Educator Seminar Series (classroom and online)
- Entrepreneurship
- Feng Shui Practitioner
- Floral Design
- Managing Conflict in Today's Workplace (online)
- Medical Terminology (online)
- Pillars of Management
- Photography
- Professional Business Communications
- Reiki
- Sales Development

INTERNATIONAL EDUCATION

Director, L. Smith: 403.440.5004

Manager, International Projects, D. MacDonald: 403.440.6791

Manager, Languages Institute, A. Olson: 403.440.5140

Office: 403.440.5100

Coordinators: D. de Guzman, K. Dodge, L. Duke, T. Gillies, A. Morrow, K. Sinclair, S. Rhodes, S. Rossi, L. Duke, A. Yeung

Instructional Staff:

English as a Second Language (ESL)

S. Cox, P. Downie, T. Hanson, A. Hibbard, L. Kelly, N. Kowalchuk, G. Landreville, S. Marendiuk, S. Murji, C. Musa, E. Newman, M. O'Toole, D. Reid, D. Ricketts, A. Roudstein, R. Shinduke, C. Szabo, R. Wallace, C. Wannamaker, J. Warkentin.

World Languages

I. Arosteguy, D. Asaph, D. Azmy, D. Boiteau, C. Burian, Y. Cressman, C. Davalos, F. Davalos, E. Echeverria-Dubon, X. Feng, N. Herrera, J. Humen, E. Isings, H. Krebses, M. Lima, J. Meunier, G. Nasuti, G. Pare, C. Poon, N. Pratt, C. Recabal, S. Rossi, L. Rumel, T. Seyer, I. Smith, E. Sporinova, A. Stock-Bateman, R. Torta, A. Velez.

DIVISION OF ACADEMIC AFFAIRS

Provost and Vice-President, Academic,
TBD

Office of Enrolment Services

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Registrar, D. Wood : 403.440.6347

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S. McCotter: 403.440.6398

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Manager, Student Systems & Communications, M. Evans: 403.440.7224

Collaboration and Articulation Administrator, E. May: 403.440.6733

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Coordinator, Continuing Education Registration,
T. Parmley: 403.440.6392

Coordinator, Credit Registration,
E. Dick-Jensen: 403.440.6392

Coordinator, Office of Student Conduct,
K. Parsons: 403.440.6356

Coordinator, Records, C. Lovestone: 403.440.6358

Coordinator, Scheduling Services, G. Gouglas: 403.440.6586

Coordinator, Student Recruitment, M. LoGullo: 403.440.5958

Library 403.440.6140

University Librarian, C. Shepstone: 403.440.6134

Chair, P. Herscovitch: 403.440.6022

Coordinator, Access Services, C. Merkle: 403.440.5068

Coordinator, Collections, M. Bowler: 403.440.6086

Coordinator, Information Services, M. Sinotte: 403.440.5683

Coordinator, Information Systems, K. Gibb: 403.440.8516

Coordinator, Technical Services, G. Owens: 403.440.7737

Copyright Advisor, M. Lonsdale: 403.440.8713

DIVISION OF STUDENT AFFAIRS AND CAMPUS LIFE

Office of Student Affairs and Campus Life 403.440.7010

Vice-President, B. Fleming: 403.440.6506

Accessibility Services 403.440.6868

Manager, P. Pardo: 403.440.7717

Career Services 403.440.6307

Director, C. Bradley: 403.440.6232

Cougar Athletics 403.440.6516

Director, K. Karch: 403.440.7211

Diversity and Human Rights 403.440.5956

Advisor, S. Stone: 403.440.8675

Recreation 403.440.6517

Director, C. Dawe: 403.440.6515

Residence Services 403.440.6275

Director, S. Fitterer: 403.440.6279

Student Learning Services 403.440.6452

Manager, C. Lindland: 403.440.6878

Wellness Services 403.440.5956

Director, K. McElary: 403.440.6092

ACADEMIC FACULTIES



Mount Royal University offers instruction leading to the award of the following degrees, diplomas, and certificates:

FACULTY OF ARTS

Bachelor of Arts

- Anthropology
- English
- History
- Policy Studies
- Psychology
- Sociology
- Spanish

Bachelor of Applied Interior Design

BISSETT SCHOOL OF BUSINESS

Bachelor of Business Administration

- Accounting
- General Management
- Human Resources
- Marketing

Diploma – Aviation

Certificate – Business Administration

- Advanced Accounting
- Human Resources
- Marketing

FACULTY OF COMMUNICATION STUDIES

Bachelor of Communication

- Information Design
- Journalism
- Public Relations

Diploma – Broadcasting

Diploma – Music Performance – Classical

Diploma – Music Performance – Jazz

Diploma – Theatre Arts – Performance

Diploma – Theatre Arts – Technical

Certificate – Journalism

Certificate of Achievement – International Communication

Certification of Achievement – Journalism

FACULTY OF HEALTH AND COMMUNITY STUDIES

Bachelor of Arts – Criminal Justice
Bachelor of Midwifery
Bachelor of Nursing
Bachelor of Applied Business and Entrepreneurship – Sport and Recreation
Bachelor of Applied Child Studies
Bachelor of Applied Ecotourism and Outdoor Leadership
Bachelor of Physical Education (University Transfer)
Diploma – Child and Youth Care Counsellor
Diploma – Disability Studies
Diploma – Early Learning and Child Care
Diploma – Social Work
Certificate – Athletic Therapy
Certificate – Early Learning and Child Care
Certificate – Studies in Aging (Admission suspended)
 Aging
 Entrepreneurship
Post-Basic Certificates
Advanced Studies in Critical Care Nursing
 Critical Care Nursing
 Emergency Nursing
 Neuroscience Nursing
Advanced Studies in Perinatal and Neonatal Nursing
 (Admission suspended)
 Neonatal Nursing
 Perinatal Nursing
Forensic Studies
Bridge to Canadian Nursing – Certificate of Achievement

FACULTY OF SCIENCE AND TECHNOLOGY

Bachelor of Computer Information Systems
Bachelor of Science
 Cellular and Molecular Biology
 Environmental Science
 General Science
 Geology
 Health Science
Bachelor of Applied Science – Environmental Science
 (Admission suspended)
Bachelor of Engineering (University Transfer)
Bachelor of Science – Computer Science (University Transfer)
Certificate – Environmental Science

FACULTY OF TEACHING AND LEARNING

Bachelor of Education – Elementary

MISCELLANEOUS PROGRAMS

Aboriginal Education Program
University Entrance Option
Open Studies

TRANSFER OF CREDIT TO OTHER EDUCATIONAL INSTITUTIONS

It is the responsibility of students who intend to transfer to another institution after completing studies at Mount Royal University to ensure that courses taken at the University are acceptable to the receiving institution.

Students are advised to consult the *Alberta Transfer Guide* at **transferalberta.ca** issued by the Alberta Council on Admissions and Transfer or the calendars of the receiving institutions for further details regarding admission requirements, transfer policies, procedures and advanced credit arrangements.

FACULTY OF ARTS



PROGRAMS OFFERED

Bachelor of Arts BA

Majors:

Anthropology	Psychology
English	Sociology
History	Spanish
Policy Studies	

Minors:

Anthropology	International Business and Economics
Art History	Philosophy
Canadian Studies	Policy Studies
Economics	Political Science
English	Psychology
Film Studies	Religious Studies
Finance & Economics	Sociology
French	Spanish
Linguistics	Studies in Aging
History	Teaching English as a Second Language
Humanities	Women's Studies

Honours:

Anthropology
English
History
Policy Studies
Psychology
Sociology

Bachelor of Applied Interior Design BID (Applied)

FACULTY INFORMATION

Dean, J. Keshen: 403.440.6960

Associate Dean, TBA

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Department: 403.440.6451

Chair, D. Hyttenrauch: 403.440.6453

Department of Humanities

Department: 403.440.6054

Chair, J. Pettit: 403.440.5985

Department of Interior Design & Art History

Department: 403.440.5143

Chair, H. Evans Warren: 403.440.6953

Department of Languages & Cultures

Department: 403.440.6528

Chair, G. Mossiere: 403.440.5962

Department of Policy Studies

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BACHELOR OF ARTS



GENERAL INFORMATION

A Bachelor of Arts degree opens doors to a wide range of learning and career opportunities.

Features of the Mount Royal Bachelor of Arts program include the following:

- high academic standards;
- relevant, current, and rigorous curriculum based on clearly articulated outcomes;
- strong General Education/breadth component;
- special emphasis on developing communication and critical thinking skills;
- high level of student-teacher interaction;
- highly qualified faculty dedicated to excellent instruction;
- both Major and Honours streams available in several disciplines to accommodate career-oriented students as well as those planning further study;
- use of leading edge technology to enhance learning and classroom delivery;
- experiential learning components where applicable, including Internships and a Co-operative Education option; and
- opportunities for international study.

As well as obtaining breadth of knowledge, students in the Mount Royal Bachelor of Arts program will achieve depth of knowledge in the subject area they select for their Major. BA students also have the option of selecting a Minor area of concentrated study in addition to their Major. Qualified students planning to pursue graduate school or wishing to explore their selected field in more depth can apply to the Honours stream. A Co-operative Education option is available for qualified students who wish to include work experience as part of their BA program.

BA students at Mount Royal can pursue a Major in seven subject areas, an Honours stream in six subject areas, and a Minor in 22 subject areas.

Subject Area	Major	Honours	Minor
Anthropology	X	X	X
Art History			X
Canadian Studies			X
Economics			X
English	X	X	X
Film Studies			X
Finance and Economics			X
French			X
History	X	X	X
Humanities			X
International Business and Economics			X
Linguistics			X
Philosophy			X
Policy Studies	X	X	X
Political Science			X
Psychology	X	X	X
Religious Studies			X
Sociology	X	X	X
Spanish	X		X
Studies in Aging			X
Teaching English as a Second Language			X
Women's Studies			X

Opportunities for Further Study

Entrance into graduate or professional school is competitive. The Bachelor of Arts degree, including the Honours stream, does not guarantee admission into graduate or professional school. Graduates must meet the individual university's admission requirements in a competitive process. Students considering graduate school or professional school are encouraged to investigate their postgraduate educational plans with an academic advisor at the institution in which they are seeking to enrol.

Co-Operative Education Option

The Academic Plan of Mount Royal stresses the importance of experiential education in all academic curricula. Accordingly, we offer all qualified students enrolled in the Bachelor of Arts program the opportunity to pursue their degree as a Co-operative Education degree. Students who successfully complete three co-op work terms will be eligible for a notation on both their transcript and their parchment, in accordance with the guidelines of the Canadian Association for Co-operative Education (CAFCE).

To be eligible to participate in the BA Co-operative Education Option, students must have obtained the minimum GPA requirement and completed the prerequisite courses required for entrance into their respective co-op work-term placements. Additionally, before beginning their first of three (3) work terms, all co-op students must complete the Orientation to Co-operative Education course (COOP 0001). For additional information about co-operative education, please contact the Career Services Department at 403.440.6307, Room A200, or mtroyal.ca/careerservices.

Co-Operative Education Fees

A half course fee is assessed for the Orientation to Co-operative Education course prior to the first work-term. Fees for each Co-operative Education work term are assessed thereafter on a course-by-course basis. These fees must be paid or notice of financial assistance provided by the fee deadline for the semester in which the placement occurs.

International Education Opportunities

Qualified Mount Royal students have the opportunity to take part in international education experiences such as international field schools and semesters abroad. For more information, contact an Advisor or the Mount Royal Office of International Education.

Declaration of Major

Students must declare their Major field of study within two years (twenty courses) of enrolling in the program. Students who have decided on their Major are advised to declare it as soon as possible to facilitate proper course selection and access to core courses.

NOTE: Undeclared students admitted to the Bachelor of Arts in Fall 2011 or later should be aware that there is an enrolment cap on the Psychology major. Students who are interested in pursuing a major in psychology must formally apply for admission to the Bachelor of Arts - Psychology using the Application for Admission. You may apply for admission online (within the timelines specified in the Academic Schedule section of this Calendar). Admission to Mount Royal programs is competitive and as such admission will be granted to those applicants who have the highest average based on the conditional admission criteria for each admission category. Please see the Admissions section of this Calendar for more detail.

Honours Stream

Students who are interested in pursuing graduate school or who wish to explore their selected field in more depth are advised to apply for admission into the Honours stream in the Bachelor of Arts program. Core BA program requirements are augmented with additional work in the subject area, such as completing more courses in the subject area, taking part in Honours seminars, completing an Honours thesis requiring original research, or completing an Honours project.

Acceptance Requirements – Honours Stream

Students may complete a Department application for acceptance into the Honours stream upon successful completion of 20 courses in the Bachelor of Arts program.

Acceptance into the Honours stream is competitive and is not guaranteed. Students must present a minimum Grade Point Average of at least 3.00 in the last 10 courses completed. Contact a department Advisor for current information on the GPA and other criteria required for the Honours stream in your specific area of interest.

Application for Entrance into the Honours Stream

In order to apply for entrance into the Honours Stream, students must complete an Application for Entrance into the Honours Program, available from the department/discipline in which the Honours program is housed. Before applying for Honours, students must also have declared a major in the Honours discipline. Students may apply for entrance into Honours between March 1 and May 1 of the academic year in which they have successfully completed twenty (20) courses. Departments/disciplines in which Honours programs are housed will meet to decide on who will be admitted into Honours, based on the number of applications received and the qualifications of the students who have applied.

Continuance Requirements

Students accepted into the Mount Royal Bachelor of Arts program must comply with all Mount Royal policies and regulations regarding academic progress and continuance.

In addition, all students in the BA program must obtain a minimum grade of C- (1.70 on the 4-point grade scale) in all courses to be used as prerequisites.

Continuance Requirements — Honours

Students accepted into the Honours BA stream have the additional continuation requirement of maintaining a minimum grade of B (3.00 on the 4-point grade scale) for each course in their Honours subject area and an overall GPA of 3.00 in each year of study.

Specific subject areas may have additional requirements for academic progress, continuance, and performance. Check the specific subject area sections below for details and/or consult with an Advisor. Subject to review by the Chair, once students are accepted into the Honours program, students who fail to maintain an overall GPA of 3.00 and a minimum grade of B (3.00 on the 4-point grade scale) in each of the courses in their Honours discipline will lose their place in the Honours program. Students will normally not be permitted to reapply for Honours, and may do so only with the permission of the Chair of their honours discipline. Students permitted to reapply must follow the procedures for "application into the Honours stream," as mentioned above. There is no guarantee that a student will be re-admitted into the Honours program.

Residency Requirement

Normally, 50% of the academic work completed toward the award of a Mount Royal parchment must be completed at the University, except where written approval has been given by the dean/director of the appropriate faculty/centre/school.

In addition, the internship component of the Policy Studies BA Major must normally be completed as a student of Mount Royal.

General Education

For course information visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in a course.

Time Limitation

All graduation requirements for the BA degree program must be completed within eight (8) years of initial admission to and enrolment in the program. The prior learning of all students entering baccalaureate programs will be fully assessed at the point of admission for possible advanced standing or transfer credit. Applicable credit for prior learning which is recognized at the point of entry into the program will remain valid for the same time limit (eight [8] years) as is permitted to complete the program.

Eligibility To Graduate

To be eligible to graduate from a Mount Royal program, a student must have been officially admitted into the program and must normally complete at least 25% of the graduation requirements as a student within the program, except where written approval has been given by the dean/director of the faculty/centre/school.

To be eligible to graduate with a Bachelor of Arts with a Major, students must satisfactorily complete all the General Graduation Requirements for the BA with a Major as well as all the Specific Graduation Requirements for their Major area of study (see below). To be eligible to graduate with a Bachelor of Arts with Honours, students must satisfactorily complete all the General Graduation Requirements for the BA with Honours as well as all the Specific Graduation Requirements for the BA with Honours for their area of study. Students completing the Honours Program who have failed to satisfy all the requirements for an Honours degree but who have satisfied all requirements for a BA Major degree shall receive a BA Major degree upon graduation.

Students must follow the graduation application procedure outlined in the current Mount Royal Calendar. Applications must be submitted by the date published in the Calendar.

Note: For course descriptions refer to:

Bachelor of Arts

mtroyal.ca/arts/bacharts/curriculum.shtml

Application for Honours after receiving a Bachelor of Arts in the same discipline. A student who has graduated with a Bachelor of Arts may not apply to enter Honours in the same discipline in which he or she has received the Bachelor of Arts degree.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF ARTS

In addition to meeting the general admission requirements indicated in the Admission section of this calendar, applicants must also satisfy the following criteria for each Major:

Academic Course Requirements

The following specific courses (or their equivalencies) with the specified minimum grades are required for admission into the Bachelor of Arts program:

Majors: Anthropology, English, History, Sociology, and Spanish

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2 or a 30-level language

Major: Psychology

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2

NOTE: There is an enrolment cap on the Psychology major. Students who apply will be considered for admission to the Psychology major on the basis of a competitive admission average.

Major: Policy Studies

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Aboriginal Student Admission

Each year, 2% of the seats in the Bachelor of Arts program will be reserved for Aboriginal applicants through an Aboriginal admission target. To be considered for admission under the Aboriginal admission target, the applicant must:

- a. self-identify as an Aboriginal applicant on the Application for Admission
- b. meet the definition of an Aboriginal Applicant
- c. meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission period. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

PROGRAM STRUCTURE FOR MOUNT ROYAL BACHELOR OF ARTS DEGREES

1. Total number of three-credit courses (or equivalent) 40 courses minimum
2. Program Core/General Education/Electives
 - a. Program Core (See each Major for specific core course requirements) 16-24 courses
 - b. General Education 12 courses minimum
 - c. Electives 4-14 courses
3. First-year course limit 16 courses maximum
4. Minimum number of courses which must be selected from courses offered in the Faculties of Arts or Science, or be courses designated as General Education courses (Please see "thirty-two courses," in the next column). 32 courses
5. Course limit in a single discipline 24 courses maximum
6. Grade Point Average (GPA) to graduate 2.00 minimum

Note: Each program area may have additional graduation requirements. Refer to the specific section in this calendar for details and/or consult with a faculty or Academic Advisor.

PROGRAM STRUCTURE FOR MOUNT ROYAL BACHELOR OF ARTS DEGREES (HONOURS)

1. Total number of three-credit courses (or equivalent) 40 courses minimum
2. Program Core/General Education/Electives
 - a. Program Core (See each Honours program for specific core course requirements) 18-24 courses
 - b. General Education 12 courses minimum
 - c. Electives 4-10 courses
3. First-year course limit 16 courses maximum
4. Minimum number of courses which must be selected from courses offered in the Faculties of Arts or Science, or be courses designated as General Education courses (Please see "thirty-two courses," below). 32 courses
5. Course limit in a single discipline 24 courses maximum
6. Grade Point Average (GPA) for last 20 courses completed 3.00 minimum

Note: Students taking honours in Policy Studies are allowed 3 electives

Thirty-two courses selected from the Faculties of Arts or Science, or courses designated as General Education courses. The thirty-two courses mentioned above may include the following:

Faculty of Arts: Any university-level course in Anthropology, Art History, Canadian Studies, Chinese, Classics, Economics, English, Film Studies, French, German, History, Humanities, Indigenous Studies, Interior Design, Italian, Japanese, Latin American Cultures, Linguistics, Philosophy, Policy Studies, Political Science, Psychology, Religious Studies, Romance Studies, Sociology, Spanish, and Women's Studies.

Faculty of Science and Technology: Any university-level course in Astronomy, Biochemistry, Biology, Chemistry, Computer Science, Ecology, Ecotourism and Outdoor Leadership, Engineering, Environmental Science, Geography, Geology, Geophysics, Mathematics, Microbiology, Natural Science, Physics.

General Education: Any university-level course with the General Education prefix (GNED) or any courses labelled as General Education [G] in the Mount Royal Calendar.

MAJORS IN THE BACHELOR OF ARTS BACHELOR OF ARTS IN ANTHROPOLOGY

The Bachelor of Arts degree in Anthropology provides students with a broad, integrated knowledge of the subject. Through its four major fields – Cultural Anthropology, Biological Anthropology, Linguistic Anthropology and Archaeology – Anthropology explores all aspects of human life, both ancient and modern, from cradle to grave. By creating a strong balance between humanistic and scientific approaches, this degree offers a holistic comparative understanding of Anthropology and therefore provides an excellent foundation for graduate studies as well as careers in Anthropology and other areas such as teaching, social work, curatorial work, and international affairs.

Graduates majoring in Anthropology at Mount Royal will acquire an extensive knowledge of all four major fields – Cultural Anthropology, Biological Anthropology, Linguistic Anthropology, and Archaeology – and the interconnections among them. Anthropological training will uniquely prepare graduates to engage competently and critically with the major issues of globalization, multiculturalism, and cultural heritage in the larger context of the human experience. This program will also foster proficiency in the methods of research, analysis, and scientific reasoning that distinguish Anthropology as an interdisciplinary realm within the social sciences.

Students with a major interest in Cultural Anthropology or Linguistic Anthropology should take related courses in subjects such as Economics, History, Philosophy, Political Science, Psychology, Religious Studies, and Sociology.

Students with a major interest in Archaeology should take related courses in subjects such as Art History, History, Geography, Geology, and Chemistry.

Students with a major interest in Biological Anthropology should take related courses in subjects such as in Biology, Psychology, and Sociology.

Students who are contemplating a specialization in a particular geographical region should take related courses in subjects such as Geography, History, Political Science, and the language of that region.

Mount Royal's BA in Anthropology aims to provide students with the following competencies:

1. foundational knowledge in the historical development, philosophical and theoretical trends, methodology, and practice of the discipline of Anthropology;
2. the ability to utilize and value the holistic and interdisciplinary approaches that are fundamental to Anthropology;
3. solid cross-cultural understanding of the nature and diversity of present and past cultures;
4. the ability to recognize the biases that societies carry in their understanding of human cultures and how anthropological training can help to overcome these biases;
5. an open-minded and culturally sensitive appreciation of different cultures and their relevance in the contemporary world;
6. solid competency in locating, reading, and comprehending primary and secondary sources;
7. strong analytical and critical thinking skills;
8. mastery of multiple methodologies and the scientific method;
9. the ability to formulate and communicate cogent arguments;
10. specific skills in managing, evaluating, and interpreting data derived from past and present cultures;
11. the ability to work and communicate effectively in collaborative group projects;
12. the ability to articulate points of view clearly and persuasively to others;
13. the ability to view situations reflectively by seeing oneself as both subject and object;
14. the ability to engage in participant-observation and promote cultural curiosity through experiential fieldwork;
15. the ability to engage in and evaluate both humanistic and scientific approaches through critical thinking and rigorous logical thought processes;
16. the ability to contextualize biological and cultural phenomena in terms of both local and global perspectives.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN ANTHROPOLOGY

All students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, Anthropology Major students must meet the following graduation requirements.

1. Students must take a minimum of 16 ANTH courses (not including courses taken in fulfillment of the General Education requirements).
2. Students may take a maximum of 24 ANTH courses (including electives and courses taken in fulfillment of the General Education requirements).
3. Students must take the following four 1000-level ANTH courses, which are introductions to the four fields in Anthropology: ANTH 1102, ANTH 1103, ANTH 1104, and ANTH 1106.
4. Students must take a minimum of 12 ANTH courses at the 2000-level or higher, including:
 - a. the following six courses, some of which are prerequisites or strongly recommended for other upper-level ANTH courses:
 - ANTH 2225 – Ancient Civilizations
 - ANTH 2229 – Anthropology of “Race”
 - ANTH 2241 – Ethnography in Anthropology
 - ANTH 3305 – History of Anthropology
 - ANTH 3307 – Statistics for Anthropology
 - ANTH 4401 – Anthropological Theory
 - b. six additional senior-level ANTH courses, as follows:
 - a minimum of three other ANTH courses at the 2000/3000-level, not including the required courses listed above;
 - a minimum of any two of the following courses:
 - ANTH 3302 – Ethnographic Methods
 - ANTH 3309 – Ceramic Analysis
 - ANTH 3321 – Human Osteology
 - ANTH 3342 – Anthropology Perspectives on Discourse Tactics
 - a minimum of one other ANTH course at the 4000-level, in addition to ANTH 4401 Anthropological Theory.

Note: Students may pursue a general background in Anthropology or they may elect to focus on a particular field or fields (Cultural Anthropology, Linguistic Anthropology, Biological Anthropology, and Archaeology). If a focus is desired, then students should consult with the Anthropology Advisor in order to prepare the proper array of courses.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN ANTHROPOLOGY

All students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, Anthropology Honours students must meet the following graduation requirements.

1. Students must take a minimum of 20 ANTH courses (not including courses taken in fulfillment of the General Education requirements).
2. Students may take a maximum of 24 ANTH courses.
3. Students must take the following four 1000-level ANTH courses, which are introductions to the four fields in Anthropology: ANTH 1102, ANTH 1103, ANTH 1104, and ANTH 1106.
4. Students must take a minimum of 16 ANTH courses at the 2000-level or higher, including:
 - a. the following eight courses, some of which are prerequisites or strongly recommended for other upper-level ANTH courses:
 - ANTH 2225 – Ancient Civilizations
 - ANTH 2229 – Anthropology of “Race”
 - ANTH 2241 – Ethnography in Anthropology
 - ANTH 3305 – History of Anthropology
 - ANTH 3307 – Statistics for Anthropology
 - ANTH 4401 – Anthropological Theory
 - ANTH 5110 – Research Design and Professional Development
 - ANTH 5120 – Honours Thesis
 - b. eight additional senior-level ANTH courses, as follows:
 - a minimum of four other ANTH courses at the 2000/3000-level, not including the required courses listed above;
 - a minimum of any two of the following courses:
 - ANTH 3302 – Ethnographic Methods
 - ANTH 3309 – Ceramic Analysis
 - ANTH 3321 – Human Osteology
 - ANTH 3342 – Anthropology Perspectives on Discourse Tactics
 - a minimum of two other ANTH courses at the 4000-level, in addition to ANTH 4401 Anthropological Theory.

Note: Students may pursue a general background in Anthropology or they may elect to focus on a particular field or fields (Cultural Anthropology, Linguistic Anthropology, Biological Anthropology, and Archaeology). If a focus is desired, then students should consult with the Anthropology Advisor in order to prepare the proper array of courses.

BACHELOR OF ARTS IN ENGLISH

The Bachelor of Arts program in English is designed to enable students to explore many aspects of English studies. The Department of English offers courses in composition, creative writing, film, literature, and literary theory. A distinctive feature of this English department is the commitment to improving students' writing skills. Given this focus on writing and on reading different types of texts, students will find these programs useful for a variety of occupations and/or further study.

Graduates will be aware, not only of the historical and generic categories of English literature, but also of the role language plays in shaping our perceptions of everyday life. Mount Royal English graduates will be broadly literate for having engaged with written, visual and other types of social text. Mount Royal English graduates will be able to articulate the cultural processes that produce literatures in a variety of different geographic settings including Canada. In order to achieve this level of understanding, graduates will have taken a variety of courses stressing different literatures, genres, media and approaches to forms of cultural production.

Graduates will be able to communicate effectively in a variety of contexts. Graduates will be in firm possession of other core, transferable skills, such as thinking strategies, ethical reasoning, information retrieval and evaluation capabilities, computer literacy and group effectiveness, thus enabling them to succeed in further studies and career opportunities. Qualified graduates may go on to professional programs like law or develop careers in business, writing, or teaching. Graduates will have experienced different learning environments and developed metacognition (that is, a high level of self-awareness regarding learning and professionalization) around learning styles and preferences, an important outcome for the life-long learner in the education system or the workplace.

The graduate will:

1. demonstrate a writing style that exhibits clarity, eloquence, and precision.
2. consider the audience when selecting rhetorical strategies.
3. articulate positions clearly and persuasively.
4. support arguments with appropriate sources of information.
5. analyze, evaluate and synthesize information from different sources.
6. construct reasonable and informed readings of texts.
7. be aware of genre conventions and literary traditions.
8. recognize various theoretical and critical approaches to texts.
9. address different positions in the course of developing an argument.
10. interrogate the ways in which ethical assumptions are shaped and analyze how one's own ethical framework affects one's readings of texts.
11. document sources in an ethically responsible way.
12. use information technologies effectively.
13. apply group process skills in diverse settings.
14. assess personal effectiveness in learning.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN ENGLISH

Students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, English Major students must meet the following graduation requirements.

1. Students must take a minimum of 16 one-semester ENGL courses (40% of total courses).
2. Students may take no more than 24 ENGL courses (including electives and courses taken in fulfilment of the General Education requirements).
3. Students must take at least one but no more than two 1000-level Literature courses.
4. Students must take two English Literature Survey courses: ENGL 2210 – English Literature to the Restoration and ENGL 2211 – English Literature from the Restoration to the Present; or equivalent.
5. Students must take a minimum of one 2000-level Writing course.
6. Students must take ENGL 2202 – Theory in English Studies.
7. Students must take a minimum of two courses in North American Literature (Canadian or American).
8. Students must take a minimum of one course in Global or Transnational Literature.
9. Students must take a minimum of four 3000-level English courses, at least two of which must focus on Pre-1900 Literature.
10. Students must take a minimum of two 4000-level English courses.
11. Students must fulfil a Language/Linguistics requirement. This requirement can be satisfied by taking ENGL 3306 – History of the English Language; or one Language course; or one Linguistics course.

Category requirements can be met by taking courses at the 1000, 2000, 3000, or 4000 level unless otherwise specified.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN ENGLISH

All students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, English Honours students must meet the following graduation requirements.

1. Students must take a minimum of 20 one-semester ENGL courses (50% of total courses).
2. Students may take no more than 24 ENGL courses (including electives and courses taken in fulfilment of the General Education requirements).
3. Students must take at least one but no more than two 1000-level Literature courses.
4. Students must take two English Literature Survey courses: ENGL 2210 – English Literature to the Restoration and ENGL 2211 – English Literature from the Restoration to the Present; or equivalent.
5. Students must take a minimum of one 2000-level Writing course.
6. Students must take ENGL 2202 – Theory in English Studies.
7. Students must take a minimum of two courses in North American Literature (Canadian or American).
8. Students must take a minimum of two courses in Global or Transnational Literature.
9. Students must take a minimum of six 3000-level English courses. In satisfying this requirement, students must take the following:
 - at least four courses in Pre-1900 Literature, two of which must focus on Pre-1750 Literature
 - at least one Theory course.
10. Students must take a minimum of four 4000/5000-level English courses one of which is ENGL 5110 – Honours Seminar.
11. Students must fulfil a Language/Linguistics requirement. This requirement can be satisfied by taking ENGL 3306 – History of the English Language; or one 2000-level or higher Language course; or one 2000-level or higher Linguistics course.

Category requirements can be met by taking courses at the 1000, 2000, 3000, or 4000 level unless otherwise specified.

BACHELOR OF ARTS IN HISTORY

The History major in the Bachelor of Arts four-year program is designed to provide students with a broad base of knowledge in Canadian, European, and American History. Students will also have the opportunity to study a variety of other topics such as Film and History, Latin American History, and Public History. In addition, students will also develop an understanding of the methods of historical research and analysis, and historical reasoning that distinguish History as a branch of knowledge in the Humanities and Social Sciences. Beyond the intrinsic value of historical study, a BA in History prepares students for graduate studies in History and/or careers in areas such as teaching, law, archival studies, international affairs, journalism, and public administration.

Mount Royal's BA in History aims to provide students with the following competencies:

1. foundational knowledge in Canadian, European and/or American History and introduction to a variety of other topics such as Film and History, Latin American History, and Public History;
2. the ability to locate, read and understand primary and secondary historical sources;
3. an understanding of historical reasoning and analysis;
4. a critical understanding of the nature and diversity of past political, economic, social and cultural institutions;
5. an awareness of the importance of historical context and its relevance to understanding the contemporary world;
6. the ability to formulate and present, both orally and in writing, cogent interpretations of the past.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN HISTORY

Students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, History Major students must meet the following graduation requirements.

1. Students must take at least four introductory (1000-level) HIST courses, including one 1000-level course each in Canadian, American and European History. Students who declare a major in History from Fall of 2011 onwards, must take HIST 1100 – Introduction to History and at least three other introductory (1000-level) HIST courses, including one 1000-level course each in Canadian, American and European History.
2. Students must take at least 12 HIST courses at the 2000 level or higher. In satisfying this requirement, students must also satisfy the following requirements:
 - a. HIST 2202 – The Historian's Craft
 - b. Minimum of four HIST courses at the 4000 level.
3. Students must take a minimum of 16 HIST courses (not including courses taken in the fulfillment of the General Education requirements).
4. Students may take a maximum of 24 HIST courses (including electives, courses taken in the fulfillment of the General Education requirements, and non-HIST courses* specified as satisfying the requirements of the History program).

* The following courses can be used to satisfy HIST course requirements: CNST 1131, CNST 2233, HUMN 2219, and HUMN 2221.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN HISTORY

All students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, History Honours students must meet the following graduation requirements.

1. Students must take at least four introductory (1000-level) HIST courses, including one 1000-level course each in Canadian, American and European History. Students who declare a major in History from Fall of 2011 onwards, must take HIST 1100 – Introduction to History and at least three other introductory (1000-level) HIST courses, including one 1000-level course each in Canadian, American and European History.
2. Students must take at least 14 HIST courses at the 2000 level or higher. In satisfying this requirement, students must also satisfy the following requirements:
 - a. HIST 2202 – The Historian's Craft
 - b. HIST 5110 – Honours Project I
 - c. HIST 5120 – Honours Project II*
 - d. Minimum six HIST courses at the 4000 level or higher (including HIST 5110 and HIST 5120)
- * Students are strongly advised to select a topic for their Honours Project from subject areas in which they have taken a minimum of four courses, at least one at the 4000 level.
3. Students must take a minimum of 20 HIST courses (not including courses taken in the fulfillment of the General Education requirements).
4. Students may take a maximum of 24 HIST courses (including electives, courses taken in the fulfillment of the General Education requirements, and non-HIST courses**) specified as satisfying the requirements of the History program).
5. Students must achieve a minimum GPA of 3.0 in the last eight History courses completed in the program.

** The following courses can be used to satisfy HIST course requirements: CNST 1131, CNST 2233, HUMN 2219, and HUMN 2221.

Students completing the Honours Program who have failed to satisfy all the requirements for an Honours degree (e.g., minimum GPA of 3.0 in their last eight History courses) but who have satisfied all requirements for a BA Major degree shall receive a BA Major degree upon graduation.

BACHELOR OF ARTS IN POLICY STUDIES

The Policy Studies major in the Bachelor of Arts four year program is designed to provide students with a solid academic foundation in policy theory, political science, and economics, as well as a semester of work experience. With these two key components, this degree will prepare graduates to embark on further study and/or challenging policy careers in the public, private, and non-profit sectors.

With its Bachelor of Applied Policy Studies, and now with the Bachelor of Arts, Major in Policy Studies, Mount Royal joins a small number of universities in Canada who offer policy studies at the undergraduate level. The department of Policy Studies at Mount Royal encompasses the disciplines of economics and political science in addition to policy studies. Consequently it was able to build an integrated curriculum with a much better balance between economics and political science than is usually found. Students who graduate from the Bachelor of Arts, Major in Policy Studies program will have the theoretical background and practical skills – quantitative, computer analysis, writing and presentation – to understand the evolving relationships between business, governments, non-governmental organizations and interest groups, (policy communities). Graduates will be able to apply their skills to research, develop and evaluate policy proposals and will be qualified for positions such as management and communications assistants, planning and co-ordination officers and policy and economic analysts in private, public and not-for-profit sectors.

Students will have the opportunity to put theory into practice with a semester-long paid Internship, which is normally taken during the third year of the degree program. Given the increased demand for policy professionals in Alberta and indeed throughout Canada, Mount Royal's innovative BA in Policy Studies makes an exceptionally relevant fit with today's economic, social and political challenges. Graduates of this degree program not only are keenly aware of the challenges our economy and society face; they also possess the knowledge to help address these challenges.

The six principal Policy Studies degree outcomes are as follows:

1. Comprehending policy contexts,
2. Applying analytical and research skills,
3. Behaving professionally,
4. Utilizing policy expertise,
5. Communicating effectively, and
6. Applying theory.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN POLICY STUDIES

All students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, Policy Studies Major students must meet the following graduation requirements.

1. Students must complete all PLSC, ECON, ENGL, and POST courses identified in items 2 to 5, below.
2. Economics (ECON)
 - a. ECON 1101 – Principles of Microeconomics
 - b. ECON 1103 – Principles of Macroeconomics
 - c. ECON 2213 – Intermediate Economic Theory - Macroeconomics
 - d. ECON 2244 – Managerial Economics
 - e. ECON 2255 – Canadian Public Finance
3. English (ENGL)
 - a. ENGL 2263 – Technical Writing
4. Political Science (PLSC)
 - a. PLSC 1101 – Introduction to Government and Politics
 - b. PLSC 2231 – The Canadian State
 - c. PLSC 2259 – Comparative Government and Politics
 - d. PLSC 2287 – Introduction to International Relations
5. Policy Studies (POST)
 - a. POST 2201 – Introduction to Public Policy
 - b. POST 2209 – Statistics and Methodology
 - c. POST 3303 – Federalism
 - d. POST 3305 – Interest Groups and Group Behaviour
 - e. POST 3030 – Policy Studies Internship
 - f. POST 4421 – International Economic Policy
 - g. POST 4431 – Managing and Implementing Public Policy
 - h. POST 4443 – Survey of Public and Private Law Principles
 - i. POST 5010 – Selected Topics in Public Policy
 - j. POST 5020 – Integrative Professional Practice
6. Policy Studies Major students must obtain a minimum grade of 2.00 (C) in all the courses specified in items 2 to 5, above.
7. In addition to the required courses indicated above, Policy Studies Major students must also fulfill for graduation
 - a. All General Education course requirements; and
 - b. four (4) elective courses.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN POLICY STUDIES

All students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, Policy Studies Honours students must meet the following graduation requirements.

1. Students must complete all of the required PLSC, ECON, ENGL, and POST courses identified in items 2 to 5 above (Bachelor of Arts with a Major in Policy Studies) for Policy Studies with a minimum grade of 3.00 (B) for each of these courses. Any student who fails to maintain this minimum will lose her/his place in the Policy Studies Honours program.
2. A student will apply for admission into the Policy Studies Honours program by May 15 of the year in which she/he will complete a minimum of 20 courses, but no later than the completion of 30 courses into the program.
3. Policy Studies Honours students must fulfill all General Education requirements as specified for the Bachelor of Arts degree.
4. Policy Studies Honours students will have completed three (3) electives for graduation, instead of the four (4) required for Majors.
5. Students must produce an Honours thesis, the content of which must be approved by the Policy Studies Honours Advisor and the Policy Studies Department Chair.
6. The POST 5120 Honours Thesis will be completed during the student's last semester in the program. Complete information for the Honours Thesis program is provided by the department in the Policy Studies Honours Information Handbook, available at the Department of Policy Studies General Office (EA 3039).

BACHELOR OF ARTS IN PSYCHOLOGY

The Mount Royal BA in Psychology is designed to provide students with a broad base of knowledge in the key areas of the discipline by requiring courses in six core areas. It will also provide an understanding of research processes, the scientific method, and statistical analysis through specific courses in these areas as well as in senior courses that cover this material as it relates to specific topics. Students will also have the opportunity to choose from courses that will enable them to focus on a particular area within the Psychology discipline. The knowledge, skills, and abilities acquired in the BA program can lead students to a variety of career opportunities or to further study in Psychology and related fields.

It is recommended that students who meet the qualifications and who intend to pursue graduate study consider applying to the Honours BA in Psychology.

Specific targeted outcomes for the graduates of the program include the following:

1. Knowledge of Psychology
 - a. Students will acquire foundational knowledge in the core areas of Psychology and in those areas in which they choose to focus. This outcome will be achieved through courses at the introductory and senior levels that cover the basic concepts, perspectives, and research findings from the main topic areas in Psychology. The core required areas include developmental Psychology, cognitive Psychology, social Psychology, theories of personality, abnormal behaviour, and biological Psychology.
 - b. Students will develop an understanding of major theoretical perspectives, both historical and current, and will apply their understanding of these perspectives in a variety of content areas.
 - c. Students will acquire the ability to locate, read and understand primary and secondary sources in Psychology, and will be able to communicate with others, both orally and in writing, in the language of the discipline.
2. Research Methods in Psychology

Students will understand and apply basic research methods in Psychology, including research design, data analysis, and interpretation. This goal will be achieved through one required course in statistics and one in research methods, through optional senior statistics and research-methods courses, through participation in research projects, and through assignments in senior content courses. Students will also demonstrate the ability to design appropriate research strategies and will demonstrate proficiency in data analysis in assessing research results. Students in the Honours program will be expected to achieve a higher level of understanding through participation in senior statistics and research methods courses.
3. Thinking Skills in Psychology

Students will apply critical and creative thinking as well as problem-solving skills to research questions and issues related to behavioural and mental processes. They will develop the ability to recognize and critically examine the assumptions informing Psychology and to assess the credibility and validity of information. Students will have opportunities to apply psychological principles to personal, social, and other real-life issues.
4. Ethics, Values, and Diversity in Psychology

Students will learn to tolerate ambiguity in psychological explanations, to understand the necessity for ethical guidelines in Psychology and act accordingly, and to develop appropriate objectivity and open-mindedness. They will appreciate and respect multicultural and interpersonal diversity.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN PSYCHOLOGY

Students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, Psychology Major students must meet the following graduation requirements.

1. Students must take a minimum of 16 PSYC courses.
2. Students may take no more than 24 PSYC courses (including electives and courses taken in the fulfillment of the General Education requirements).
3. Students must complete the following PSYC courses as part of their 16 minimum required courses:
 - a. PSYC 1103 – Introduction to Psychology I: Natural Science
 - b. PSYC 1104 – Introduction to Psychology II: Social Science

NOTE: Students admitted into the BA Psychology program after completing PSYC 1105 will not be required to complete PSYC 1104 toward their program. Students cannot use both PSYC 1104 and 1105 to satisfy graduation requirements for a BA - PSYC.

 - c. PSYC 2210 – Statistical Methods for Psychology I
 - d. PSYC 2211 – Statistical Methods for Psychology II
 - e. PSYC 2213 – Research Methods I
 - f. PSYC 2235 – Life-Span Development
 - g. PSYC 2245 – Social Psychology
 - h. PSYC 2265 – Cognitive Psychology
 - i. PSYC 2283 – Personality
 - j. PSYC 2285 – Introduction to the Psychology of Abnormal Behaviour
 - k. PSYC 2275 – Brain and Behaviour
4. Students must complete at least two PSYC courses at the 4000 level.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN PSYCHOLOGY

The Psychology Honours program is a highly competitive two-year program that is intended to provide advanced preparation in research to exceptional students. All students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, Psychology Honours students must meet the following graduation requirements.

1. Students must complete a minimum of 20 courses in PSYC, including the required courses from the Psychology Major program (see above) and those listed below.
 - a. PSYC 3305 – History of Psychological Thought
 - b. PSYC 4412 – Behavioural Statistics II
 - c. PSYC 4413 – Research Methods II
 - d. PSYC 5110 – Honours Thesis I
 - e. PSYC 5120 – Honours Thesis II
2. Students may take no more than 24 PSYC courses (including electives and courses taken in the fulfillment of the General Education requirements).
3. Students must complete at least five PSYC courses at the 4000/5000 level (included in this total will be 1c, 1d, and 1e from above).
4. In the final year of their program, while enrolled in PSYC 5110 and PSYC 5120, students are required to conduct a research project under faculty supervision and to write a thesis. Students must present their research results at a Psychology Department undergraduate conference.

Interested students should consult the Psychology Department's website for more detailed information about the Psychology Honours program.

BACHELOR OF ARTS IN SOCIOLOGY

The Major in Sociology is designed to expand students' sociological imaginations by challenging them to think critically about the ways in which society is created, maintained, and changed. Through courses that explore the historical, philosophical, and theoretical development of the discipline, students will be exposed to the conceptual and methodological tools required to conduct critical and reasoned analyses of all areas of social life from small-scale micro-level social interaction to large-scale macro-level social institutions. Sociology at Mount Royal focuses on the study of social power and inequality, on exposing the ways in which interlocking systems of domination shape and define the individual and the collective social condition and on strategies of social resistance to that domination. Apart from the intrinsic value of learning to think critically about the taken-for-granted world, a BA in Sociology helps prepare students for graduate school and/or a wide range of careers in areas such as independent research, social services, community advocacy, and teaching.

Mount Royal's BA in Sociology aims to provide students with the following competencies:

1. A sociological imagination and an intimate familiarity with core Sociology concepts in order to examine critically the taken-for-granted world.
2. The ability to locate, read and critically analyze primary and secondary sociological sources (theoretical and empirical).
3. Knowledge of the use of social theory in Sociology and a familiarity with the central sociological perspectives.
4. An understanding of all of the components of the research process both qualitative and quantitative.
5. An understanding of how social life is structured by inequality and shaped by factors such as social class, gender, race/ethnicity, sexuality, and subcultural membership.
6. An understanding of the interaction between individuals, and historical, cultural, and social forces.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN SOCIOLOGY

Students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, Sociology Major students must meet the following graduation requirements.

1. Students must take a minimum of 16 SLGY courses.
2. Students may take no more than 24 SLGY courses.
3. Sociology course requirements by year:
 - a. In year one, students are required to complete Introduction to Sociology (SLGY 1101).
 - b. In year two, students are required to complete Introduction to Sociological Research Methods (2232) and three additional Sociology courses at the 2000 level.
 - c. In year three, students are required to complete Quantitative Methods and Statistics (SLGY 3321), Qualitative Research Methods (SLGY 3323), Classical Sociological Theory (SLGY 3331), Contemporary Social Theory (SLGY 3333), and three additional Sociology courses at the 3000 level.
 - d. In year four, students are required to complete Intersections in Social Life (SLGY 5010) and two additional Sociology courses at the 4000 level.
 - e. Students must take one additional Sociology course at the 2000 level or above.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH HONOURS IN SOCIOLOGY

The Sociology Honours major is a competitive program designed to provide exceptional students with the opportunity to study sociology in more depth and with a sharper focus. Honours students must meet the general graduation requirements for the Bachelor of Arts with Honours, as indicated in the General Graduation Requirements – Bachelor of Arts with Honours section of this calendar. In addition, Sociology Honours students must meet the following graduation requirements.

1. Students must take a minimum of 20 SLGY courses.
2. Students may take no more than 24 SLGY courses.
3. Sociology course requirements by year:
 - a. In year one, students are required to complete Introduction to Sociology (SLGY 1101).
 - b. In year two, students are required to complete Introduction to Sociological Research (SLGY 2232) and three additional Sociology courses at the 2000 level.
 - c. In year three, students are required to complete Classical Sociological Theory (SLGY 3331), Contemporary Social Theory (SLGY 3333), Quantitative Methods and Statistics (SLGY 3321) Qualitative Research Methods (SLGY 3323) and three additional Sociology courses at the 3000 level.
 - d. In year four, students are required to complete the Honours Thesis I (SLGY 5110) and Honours Thesis II (SLGY 5120) and two additional Sociology courses at the 4000 level. Students can fulfill their remaining Sociology credits from any combination of Sociology courses at the 2000 level or above.
 - e. Students can fulfill their remaining Sociology credits from any combination of Sociology courses at the 2000 level or above.

BACHELOR OF ARTS IN SPANISH

The Bachelor of Arts with a Major in Spanish is designed to develop students' communication skills in the Spanish language and their understanding of Hispanic cultures. The aim is to prepare students to function effectively in a variety of social contexts. Students will gain linguistic and cross-cultural skills by analyzing fiction, film and mass media texts from Spain, Latin America and Hispanic culture in North America. They will be provided with tools to explore, reflect and compare their native culture with the target cultures presented in their studies.

The program offers language courses as well as courses from four different areas of study: Hispanic Literatures and Cultures, the Teaching of Spanish as a Second Language, Translation, and Business Spanish. The Major in Spanish provides a solid undergraduate education in Spanish as well as preparation for a Bachelor of Education to teach Spanish in elementary and secondary schools. It prepares students to embark on careers such as translation, interpretation and international business in the public, private and non-profit sectors. A Bachelor of Arts degree in Spanish can prepare graduates to work in a variety of other areas as well, as the ability to communicate cross-culturally has become key to functioning in a global society. The ability to communicate in Spanish is a definite asset for job opportunities related to a large geographical area, from the south-western United States to the tip of South America as well as Spain.

The Bachelor of Arts degree in Spanish provides all students with a broad base of skills and also offers them the option to develop skills in four areas of interest. There are six broad program competencies and additional competencies for each area of interest.

Graduates with a Bachelor of Arts in Spanish will:

1. Have language proficiency in academic and informal discourse. Students will achieve an Advanced/Advanced-Plus proficiency in Spanish as defined by the Proficiency Guidelines of the American Council on the Teaching of Foreign Languages (ACTFL).
2. Have analytical and critical thinking skills. Students will articulate positions clearly and persuasively.
3. Have an understanding of cultural life in Spanish-speaking countries. Students will have a good level of cross-cultural understanding by having reflected upon and analyzed their native and target cultures.
4. Have foundational knowledge in Literature and History of Spain and Spanish America.
5. Be able to research topics effectively from various sources in Spanish.
6. Be familiar with texts from various periods, genres and nations. Students will understand a variety of literary and other media texts that are conceptually abstract and linguistically complex.

Additionally, graduates will have the opportunity to take a variety of courses in Hispanic Literatures and Cultures, the Teaching of Spanish as a Second Language, Translation and Business Spanish, thereby developing the following competencies:

1. Have knowledge of the genres and trends of the different periods of Spanish and Spanish American literatures, including indigenous voices.
2. Gain an understanding of literary texts through essay writing, textual analysis, class discussions and oral presentations.
3. Have foundational knowledge on the nature of language, second language acquisition theory, second language teaching methodologies and how these have been applied in a variety of learning contexts.
4. Have basic skills in preparing instructional plans for beginner and intermediate Spanish as second language courses.
5. Have skill in rendering texts of mainly a general nature from English to Spanish and Spanish to English in written communication.
6. Develop a cultural business background and lexicon to function effectively in Spanish-speaking commercial environments. Students will develop strategies for effective writing, listening comprehension and speaking on business topics.

SPECIFIC GRADUATION REQUIREMENTS – BACHELOR OF ARTS WITH A MAJOR IN SPANISH

Students must meet the general graduation requirements for the Bachelor of Arts with a Major, as indicated in the General Graduation Requirements – Bachelor of Arts with a Major section of this calendar. In addition, Spanish Major students must meet the following graduation requirements.

1. Students must take a minimum of 16 SPAN courses.
2. Students may take no more than 24 SPAN courses (including electives and courses taken in the fulfillment of the General Education requirements).
3. Students must take a minimum of four 4000-level SPAN courses.
4. The following 9 SPAN courses are mandatory:
 - a. SPAN 1103 – Beginners' Spanish II
 - b. SPAN 2211 – Intermediate Spanish I
 - c. SPAN 2213 – Intermediate Spanish II
 - d. SPAN 2221 – Contemporary Hispanic Cultures and Oral Practice
 - e. SPAN 2223 – Introduction to Textual Analysis and Composition
 - f. SPAN 3305 – High Intermediate Spanish
 - g. SPAN 3309 – Critical Thinking in Spanish
 - h. SPAN 3315 – Introduction to Literature from Spain and Latin America
 - i. SPAN 4401 – Advanced Spanish
5. Students must complete a minimum of seven other SPAN courses. Students have a variety of areas to choose from: Hispanic Literatures and Cultures, the Teaching of Spanish as a Second Language, Translation, and Business Spanish. Students should consult with an Advisor to select the best combination of courses for their areas of interest.
6. In addition to the 16 courses in Spanish, students are required to take four Hispanic culture courses in English: a) ROST 1101 – Topics in Romance Culture (a section including Spain) or SPAN 2219 – Contemporary Spanish Culture and Society, b) LAST 1101 – Introduction to Contemporary Latin American Cultures, c) LAST 2201 – Cultures of South America and d) LAST 2202 – Cultures of Mexico, Central America and the Caribbean. These courses are delivered in English and provide a strong background for the understanding of Hispanic cultures. They are offered by the Department of Languages and Cultures.
7. Students are not required, but strongly encouraged, to participate in a study semester at a university in a Spanish-speaking country. International Education at Mount Royal has several exchange agreements with universities in Mexico and Spain. Students can participate when they have completed a minimum of one course at the 2000 level and have a minimum GPA of 3.00. A maximum of five courses taken at an exchange institution can be transferred as long as they meet the requirements of equivalent courses in the Spanish program.
8. Placement test: Students with Spanish language knowledge must consult the Spanish section of the Department of Languages and Cultures to be placed in a course corresponding to their ability. Placement tests will be administered in order to assess prior knowledge. Students should contact the Department to make an appointment to complete their placement test at least within two weeks before the beginning of classes each semester. The Spanish section of the Department of Languages and Cultures reserves the right to place students in the language course that is appropriate to their level of language proficiency.

Students who are placed at a higher level upon entry to the program will still need to complete a minimum of 16 SPAN courses for the major and 8 courses for the minor. Students who have completed courses at other institutions should consult the Spanish Faculty Advisor.

Students who have no prior knowledge of Spanish should take SPAN 1101 before entering the major and minor programs.



BACHELOR OF APPLIED INTERIOR DESIGN



GENERAL INFORMATION

Interior design is a dynamic and rewarding profession. It involves the analysis of clients' needs, goals and life safety issues to create interior design solutions that are functional, soundly constructed, and aesthetically unified. This requires strong skills in three-dimensional visualization, space planning, construction detailing, visual communication and understanding of interior design business practices. Interior designers must also be well-versed in building codes and building systems, historical precedents in art and design and social issues that impact the well-being of humans and the environment.

The Bachelor of Applied Interior Design program at Mount Royal University emphasizes both practical and theoretical skill-building relative to the demands of the interior design profession. This is accomplished through six semesters of studio-based projects, seminars and lectures, and two semesters of paid work experience within the design industry. Emphasis is placed on developing competency in the design of interior volumes, design and specification of construction details, visual representation of design solutions, selection of colour and finish materials, understanding of art and design theory and administration of interior design business practices.

In addition to developing the fundamental skills required of interior design practitioners, the Bachelor of Applied Interior Design program emphasizes global skills required to be successful in today's workforce. These include the ability to research, communicate well, think critically, reason ethically and work effectively in a team environment.

Given the broad based application of creative problem solving skills developed in this program, employment opportunities for graduates are far-ranging. Students may enter into the profession directly as interior design practitioners, or become involved in careers such as facility management, construction management, building development and leasing or sales and marketing of interior design related products.

The Bachelor of Applied Interior Design program is accredited by CIDA - Council for Interior Design Accreditation.

Opportunities For Further Study

Applied baccalaureate degree programs offered by Mount Royal University have been designed primarily to prepare graduates for immediate employment within, or related to, their area of study. The applied degree credential does not guarantee either eligibility for, or admission into, graduate and professional programs. Nevertheless, in response to demand by students and the community at large, the University is actively investigating and pursuing opportunities to have these baccalaureate credentials recognized, in whole or in part, for admission to appropriate and relevant graduate and professional programs offered by universities. Specific arrangements and opportunities for graduate study will be publicized as these are formalized. Graduating applied baccalaureate degree students who are interested in further study rather than immediate employment are encouraged to discuss their post-graduate education plans with an academic advisor at the institution in which they are seeking to enrol.

Directed Field Studies

Directed Field Studies are designed to provide an extension of the learning process in a relevant work environment. Delivered in two semesters, comprising 25 per cent of the curriculum for applied baccalaureate degree programs, Directed Field Studies integrate academic learning with paid work experience. Each Directed Field Studies semester has specific course objectives and outcomes. Students are responsible to complete requirements assigned by Mount Royal University faculty and are obligated to fulfill commitments made to employers. Students receive 15 credits for the successful completion of each semester.

Given the fluctuating nature of the local labour market, opportunities for work experience can be located outside Calgary, across Canada and in international markets. Students should be prepared to relocate and to receive intern or entry-level compensation.

Directed Field Studies are considered an academic component of the program. Therefore, students are advised to refer to other parts of the calendar including *Evaluation of Prior Learning* and *Fees and Deposits*.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF APPLIED INTERIOR DESIGN DEGREE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Applied Interior Design program:

- English Language Arts 30-1 – 65%
- Mathematics 30-1 or 30-2

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Directed portfolio requirement(s):
- In-person discussion of the applicant's portfolio submission and related design topic(s).

Applicants will be evaluated for admission on the basis of a strong showing in their entry-level academic subjects, the portfolio and the in-person discussion.

Admission on the Basis of Advanced Standing from a Recognized School of Interior Design

Applicants will be assessed under this category if:

- Transcripts, course outlines and portfolio of student work demonstrate eligibility for transfer and;
- Seats are available in the Bachelor of Applied Interior Design program

Note: Students who are requesting admission to the Bachelor of Applied Interior Design on this basis must apply to the program through the institutional process identified by Mount Royal University. On or before this application date the student must also submit a Letter of Request for Advanced Standing directly to the Chair of the Department of Interior Design & Art History.

Application Deadline February 1

The application for admission and all supporting documents (required for admission assessment) must be received by this date.

Continuance in the Program

Interior design core courses are pre-requisites for program courses. Students must achieve a minimum grade of "C" (2.00) in each of the required core courses in the program in order to continue. This grade requirement does not apply to the eight general education courses or electives.

All students, regardless of the reason for returning to the program after an absence, must provide a Letter of Intent to Continue, identifying the semester of return to the program, to the Chair of the Department of Interior Design & Art History. The student must contact the Department of Interior Design & Art History to confirm the Letter of Intent to Continue submission deadline.

Students who step away from the program and Mount Royal University for one or more years and wish to be re-admitted to the Bachelor of Applied Interior Design program to continue their studies, must apply to Mount Royal University through the identified institutional admission process.

Decisions regarding readmission to the Interior Design program are made based on the Letter of Intent to Continue and seats available in the semester requested.

CURRICULUM

Bachelor of Applied Interior Design

The Bachelor of Applied Interior Design includes six semesters of courses plus two Directed Field Studies and an optional Travel Studies elective course**. Program requirements are normally completed over a three-year period.

Year One

ARTH 1101 – Art History: Prehistory to Renaissance
(General Education Requirement Cluster 2, Tier 2)

ARTH 1103 – Art History: Renaissance to the Present
(General Education Requirement Cluster 2, Tier 2)

ENGL 1101/GNED 1401, GNED 1403 or GNED 1404
(General Education Requirement Cluster 4, Foundation Level)

INDS 2211 – Design I

INDS 2213 – Design Communication I

INDS 2221 – Design II

INDS 2223 – Design Communication II

INDS 2225 – Construction I

INDS 2231 – Colour and Light

INDS 2233 – Materials

INDS 2235 – Universal Design

INDS 3309 – History of Interiors

General Education Requirement, Cluster 1 (recommended), Foundation Level

Year Two

INDS 2010 – Directed Field Studies I (spring/summer)
 INDS 2229 – Lighting
 INDS 3301 – Design III
 INDS 3305 – Construction II
 INDS 3311 – Design IV
 INDS 3313 – Design Communication III
 INDS 3315 – Construction III
 INDS 3317 – Interior Design Business I
 INDS 3323 – Design Communication IV
 INDS 3327 – Interior Design Business II
 INDS 3331 – Computer Drafting
 INDS 3333 – Case Studies in Design
 INDS 3335 – Building Code and Systems I
 INDS 3401 – Rooms in Context: Interior Design Travel Study**
 INDS 4435 – Building Code and Systems II
 General Education Requirement, Cluster 2, Foundation Level
 General Education Requirement, Cluster 3, Foundation Level

Year Three

INDS 3010 – Directed Field Studies II (winter)
 INDS 4401 – Design V
 INDS 4405 – Construction IV
 INDS 4407 – Interior Design Business III
 INDS 4411 – Design VI
 INDS 4413 – Design Communication V
 INDS 4415 – Construction V
 INDS 4421 – Design Issues
 INDS 4437 – Design Theory
 General Education Requirement, Cluster 1, 3, or 4 (one course), Tier 2 or 3
 General Education Requirement, Cluster 1, 3, or 4 (one course), Tier 2 or 3

General Education

Four (4) courses at the foundation level

- one (1) from each of the General Education program's four thematic cluster areas
- it is recommended that students take ENGL 1101/GNED 1401, GNED 1403 or GNED 1404 (cluster 4) in the first semester of the program

Four (4) courses at the second or third tier

- ARTH 1101 and ARTH 1103 (Cluster 2, Tier 2). It is recommended that students take these courses in the first year of the program
- two (2) courses from two (2) of thematic clusters 1, 3, or 4

See program/academic advisor for additional information.

Elective

One (1) course of a student's choosing without restriction.



BISSETT SCHOOL OF BUSINESS



The Bissett School of Business offers a focused and interactive environment that encourages strong relationships and independent thinking. Our business programs recognize the challenges of today's world and fosters thinking that can shape the future.

Once accepted into the Bissett School of Business, you can elect to specialize in one of the following areas:

- Accounting
- Aviation
- Business and Society
- Entrepreneurship
- Financial Services
- General Management
- Human Resources
- International Business
- Marketing
- Nonprofit Management
- Risk Management and Insurance
- Supply Chain Management

PROGRAMS OFFERED

Degrees:

Bachelor of Business Administration – Accounting, Human Resources, Marketing, General Management

Degree Minors:

Business and Society, Business of Sport and Recreation, Finance, Finance and Economics, Financial Services, Human Resources, Innovation and Entrepreneurship, International Business, International Business and Economics, Marketing, Business, Risk Management and Insurance, Social Innovation and Non-profit Studies, and Supply Chain Management

Diplomas:

Aviation

Certificates:

Advanced Accounting, Human Resources, Marketing

FACULTY INFORMATION

School: 403.440.6833

Dean, M. Young: 403.440.8440

Associate Dean, V. Kinnear: 403.440.6315

Chair, Accounting, R. Smistad: 403.440.5689

Chair, Entrepreneurship, International Business and Aviation
H. Valladares Montemayor: 403.440.8637

Chair, Financial Services, Supply Chain Management and Risk
Management & Insurance, J. Fischer: 403.440.6835

Chair, Management, P. Varella: 403.440.5099

Assistant Chair, Aviation L. Cygman: 403.440.8719

Chief Flight Instructor, Aviation, D. Wiebe: 403.288.9551

Co-operative Education Coordinator, General Management, International
Business and Social Innovation & Nonprofit Management,
M. Kwok: 403.440.7783

Co-operative Education Coordinator, Financial Services, Risk Management
and Insurance,
V. Koberstein: 403.440.8863

Co-operative Education Coordinator, Accounting, R. Davé: 403.440.8960

Co-operative Education Coordinator, Human Resources,
W. Smith: 403.440.7097

Co-operative Education Coordinator, Marketing,
C. Peters: 403.440.8857

Co-operative Education Coordinator, Supply Chain Management,
H. Hanley: 403.440.6471

Student Advisors

Advisor, C. O'Callaghan: 403.440.5084

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Advisor, H. Ansari: 403.440.5617

BACHELOR OF BUSINESS ADMINISTRATION



GENERAL INFORMATION

The Bachelor of Business Administration (BBA) program is designed to prepare students to be successful in the commercial, nonprofit, and public sectors of the Canadian and global economy, while being engaged citizens in their communities. The Bachelor of Business Administration is primarily designed to prepare students for immediate employment upon graduation. The BBA may also be considered sufficient preparation for admission to appropriate and relevant professional accreditation programs as well as graduate degrees offered by many Canadian and international universities. Students wishing to pursue a graduate degree are advised to verify the admission requirements for entry into graduate programs, and to determine whether their baccalaureate degree would fulfill those requirements.

BBA students will have the opportunity to specialize in one of four majors, including Accounting, Human Resources, and Marketing. We also offer a General Management major which allows students to specialize in other fields of business, including Business and Society, Financial Services, Innovation and Entrepreneurship, International Business, Risk Management and Insurance and Social Innovation and Non-profit Studies, Supply Chain Management. Students may also use the General Management major to pursue minors in areas of study offered outside of the Bissett School of Business.

Each major incorporates the study of the business disciplines of general management, accounting, marketing, human resources, entrepreneurship, finance, law, operations management, international business, business communication, organizational behaviour, and strategic management, in addition to fulfilling the General Education components required of all Mount Royal baccalaureate students.

Co-operative Education Option

The Academic Plan of Mount Royal stresses the importance of experiential education in all academic curricula. Accordingly, we offer all students enrolled in the Bachelor of Business Administration program the opportunity to pursue their degree as a Co-operative Education degree. Students who successfully complete three co-op work terms will be eligible for a notation on both their transcript and their parchment, in accordance with the guidelines of the Canadian Association for Co-operative Education (CAFCE).

To be eligible to participate in the BBA Co-operative Education option, students must have completed the prerequisite courses required for entrance into their respective co-op work-term placements. Additionally, before beginning their first of three (3) work terms, all co-op students must complete the Co-operative Education orientation course (COOP 0001).

For additional information about co-operative education, please contact the Career Services Department at 403.440.7074, Room A200.

Co-operative Education Fees

A half course fee is assessed for the Orientation to Co-operative Education preparation prior to the first work-term. Fees for each Co-operative Education work term is assessed thereafter on a course-by-course basis. These fees must be paid or notice of financial assistance provided by the fee deadline for the semester in which the placement occurs.

Business Graduate Entrance Option

Students possessing a completed two-year business diploma, or applied business degree, or four year business baccalaureate from any accredited post-secondary institution in Canada may apply to enter the BBA. Students accepted with a post-secondary diploma, applied degree, or baccalaureate will normally receive transfer credit for up to 60 credits (20 courses) towards the Bachelor of Business Administration. Other advanced business credentials may also be accepted.

Post-Secondary Entrance Option

Students who possess previous post-secondary credit but have not completed a two-year business diploma, applied degree, or four year business baccalaureate will be assessed on a course-by-course basis. Please consult an Advisor for details.

GENERAL ADMISSION REQUIREMENTS – BACHELOR OF BUSINESS ADMINISTRATION

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF BUSINESS ADMINISTRATION

In Addition to meeting the general admission requirements, indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or their equivalencies) with the specified minimum grades are required for admission into the Bachelor of Business Administration program:

- ELA 30 – 1 – 60%
- Math 30 (Pure or Applied) – 60%

or successful completion of a two-year business diploma, applied degree or four-year business baccalaureate from an accredited post-secondary institution.

Although conditional admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission into the program.

Aboriginal Student Admission

Each year 3% of the admission seats in the Bachelor of Business Administration program will be reserved for Aboriginal students through an Aboriginal admission target.

To be considered for admission under the Aboriginal admission target, the applicant must:

- a. self-identify as an Aboriginal applicant on the Application for Admission.
- b. meet the definition of an Aboriginal Applicant.
- c. meet the minimum admission requirements as indicated in the General Admission requirements for Mount Royal University as well as the specific admission requirements for the Bachelor of Business Administration.

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during the Early Admissions period. Any unfilled designated seats will be released on June 1 to students applying under the General Admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

BACHELOR OF BUSINESS ADMINISTRATION CURRICULUM

The foundation of the BBA includes seventeen (17) required core business courses, nine (9) major courses, twelve (12) General Education* courses, and two (2) Electives, for a total of 40 courses over four (4) years.

* Please consult the University Calendar for information concerning the University's General Education requirement.

The seventeen (17) required core business courses in the BBA consist of the following:

- ACCT 2121 – Financial Accounting Concepts
- ACCT 3224 – Management Accounting I
- ECON 1101 – Principles of Microeconomics
- ECON 1103 – Principles of Macroeconomics
- ENTR 4433 – Business Plan Development
- FNCE 3227 – Introduction to Finance
- HRES 2170 – Introduction to Human Resources
- INBU 3301 – Global Business Environment
- LSCM 4403 – Operations Management
- MGMT 2130 – Management Principles & Practices
- MGMT 2262 – Business Statistics I
- MGMT 2263 – Business Statistics II
- MGMT 3210 – Business Communication Theory & Practice
- MGMT 3230 – Business Law
- MGMT 3276 – Organizational Behaviour
- MGMT 5333 – Strategic Management
- MKTG 2150 – Introduction to Marketing

Declaration of Major

There are four majors in the Bachelor of Business Administration: Accounting, Human Resources, Marketing, and General Management.

Each major in the BBA includes nine (9) courses chosen by the student from a list of approved courses specific to their major. Certain majors are designed to meet external accreditation requirements. Students are strongly advised to consult their Advisor before choosing their major and elective courses.

Minors in the Bachelor of Business Administration

All students enrolled in the Bachelor of Business Administration may pursue a minor offered by any Faculty/School/Centre at Mount Royal University. To receive a minor, a student must meet the specific minor requirements of that Faculty/School/Centre. *Refer to the Minors section of this Calendar.*

BACHELOR OF BUSINESS ADMINISTRATION – ACCOUNTING MAJOR

The Bachelor of Business Administration – Accounting major is designed to ensure that graduates emerge with a solid grounding in the principles and practices of accounting. Graduates in this major will have fulfilled the degree requirements for entry into any of the professional accounting designation programs (CA, CMA, CGA, or CPA).

All BBA – Accounting students must complete the following nine (9) major courses as part of their requirements:

- ACCT 3220 – Financial Accounting Practices
- ACCT 3221 – Intermediate Accounting I
- ACCT 3228 – Management Accounting II
- ACCT 4222 – Intermediate Accounting II
- ACCT 4225 – Principles of Auditing
- ACCT 4280 – Personal & Corporate Income Tax
- ACCT 4381 – Advanced Financial Accounting
- ACCT 4382 – Advanced Managerial Accounting
- MGMT 3265 – Management Information Systems

Students who wish to pursue a professional accounting designation post-graduation may have additional program requirements, which may be met through the Electives. Students wishing to pursue a designation must consult their Advisor.

BACHELOR OF BUSINESS ADMINISTRATION – HUMAN RESOURCES MAJOR

The Bachelor of Business Administration – Human Resources major is designed to provide graduates with a solid grounding in the principles and practices of Human Resource Management. Students in this major may elect to pursue a Certified Human Resources Professional designation (CHRP) upon graduation. This designation is a national standard that is increasingly valued by organizations that employ human resource professionals in various roles.

The Human Resource major consists of nine (9) courses, seven (7) of which are required courses and two (2) are chosen from a list of options.

Students are strongly advised to consult an Advisor before choosing their Human Resource major courses and electives.

All BBA – Human Resource major students must complete the following seven (7) major courses as part of their major requirements:

- HRES 3274 – Recruitment & Selection
- HRES 3275 – Compensation & Benefits
- HRES 3277 – Organizational Learning and Development
- HRES 3278 – Employee Relations
- HRES 4273 – Labour Relations
- HRES 4407 – Transition Management
- HRES 5101 – Strategic Human Resources Management

All BBA – Human Resource major students must complete two (2) of the following option courses (exceptions require Departmental approval):

- ANTH 2213 – Contemporary Aboriginal Issues in Canada
- DAST 2201 – Disability Work Management
- INBU 2201 – Cross-Cultural Management
- LSCM 4407 – Business Negotiations/Project Management
- MGMT 4402 – Corporate Social Responsibility
- MGMT 4407 – Governance & Ethical Issues in Organizations
- MGMT 4431 – Leadership Development
- NPRO 2247 – Introduction to Volunteer Management
- NPRO 3305 – Program Planning & Assessment for the Nonprofit Sector
- PHIL 2229 – Business Ethics
- PSYC 2283 – Personality
- PSYC 2285 – Introduction to the Psychology of Abnormal Behaviour
- SLGY 2233 – Sociology of Gender
- SLGY 2265 – Social Stratification and Inequality
- SLGY 2275 – Theories of “Race” and Ethnicity
- WMST 1172 – Issues for Canadian Women

BACHELOR OF BUSINESS ADMINISTRATION – MARKETING MAJOR

Professional marketers navigate the dynamic world of brands, evolving consumer attitudes, media industry transformation, new design trends, competitor innovation, and global economic shifts. The result is that today, more than ever, successful organizations need marketing professionals who can effectively blend insight, strategy and creativity to help bring extraordinary products and campaigns to the marketplace.

The Bachelor of Business Administration – Marketing, at Mount Royal University, is designed for students who want a career at this intersection between analytics, creativity and value creation. The program integrates theory and practice by incorporating interdisciplinary theories of human persuasion, market research and analysis, branding and design thinking, with the development of a career-oriented portfolio of work. The program exposes students to the marketing function in many different contexts including multinational firms and local entrepreneurs, not-for-profit and business to business scenes, as well as in-house marketing teams and external agencies. As students progress, they will develop the required skills to synthesize the foundational knowledge and contextual dynamics into comprehensive real-world marketing-driven strategies.

The unique scope of this degree will enable students to pursue careers in a broad range of marketing functions including marketing management, advertising & communications, sales management, product marketing and brand management.

All BBA – Marketing major students must complete the following eight (8) required courses as part of their major requirements:

- MKTG 3150 – The Science of Persuasion
- MKTG 3258 – Evidence-Based Marketing
- MKTG 3450 – Marketing Design Literacy
- MKTG 3458 – Managing Marketing Relationships
- MKTG 3550 – Creating Brand Intelligence
- MKTG 3558 – Navigating Marketing Trends
- MKTG 4850 – Professional Brand Studio
- MKTG 4858 – Marketing-Driven Strategy

All BBA – Marketing major students must complete one (1) of the following option courses (exceptions require Departmental approval):

- ACOM 2003 – Applied Visual Communications I
- COMM 1841 – Introduction to Public Relations
- ENTR 2301 – The Entrepreneurial Experience
- ENTR 3302 – Innovation & Creativity for Entrepreneurial Practice
- INBU 3302 – International Marketing
- INBU 3304 – Global Supply Chain Management
- INBU 3305 – International Market Entry Strategies
- INBU 3306 – International Trade Research
- INBU 3307 – International Trade Law
- INBU 4408 – International Trade Management
- MGMT 2275 – Creativity in the Workplace
- MKTG 3253 – Retail Management
- MKTG 3254 – Sales Management

Students are strongly advised to consult an Advisor before choosing their Marketing major courses and electives.

BACHELOR OF BUSINESS ADMINISTRATION – GENERAL MANAGEMENT MAJOR

The Bachelor of Business Administration – General Management major is designed to offer students flexibility in program design and transferability. Students pursuing a General Management major may choose from a variety of business courses with the intention of obtaining a general business education. In addition to the seventeen (17) required core business courses, students may choose any nine (9) courses offered by the Bissett School of Business. These may include Accounting, Entrepreneurship, Human Resources, Nonprofit Management, Marketing, International Business, Financial Services, Supply Chain Management, Insurance, and Aviation. Students may also choose to “design” their own specialization from other courses outside of the Business School. These specializations or minors may include courses from the Faculty of Arts, Faculty of Science and Technology, Faculty of Communication Studies and the Faculty of Health and Community Studies.

Students enrolled in the General Management major are encouraged to pursue a minor (refer to the *Minors* section of this Calendar.) Students are allowed to complete more than one minor but may need to complete 40 courses in order to fulfill the requirements of each minor.

Students are strongly advised to consult an Advisor before choosing courses in completion of a General Management major.

General Education

For course information visit mtroyal.ca/gened/courses.

Students are encouraged to meet with an Advisor before registering in a course.

DIPLOMA – AVIATION



GENERAL INFORMATION

The Aviation Diploma program is designed to prepare students to succeed in Canada's aviation industry. In addition to the training required for a Commercial Pilot's Licence and Multi-Engine Instrument Rating, the program provides students with a strong science and business background, the aeronautical subjects associated with flight in modern high performance aircraft and an understanding of the expectations of the industry. Students who wish to continue their education at university are encouraged to take appropriate university transfer courses.

Student success rates in Air Flight Training courses are significantly increased for those students successfully completing Physics 30. Therefore, it is strongly recommended that students planning to apply to the Aviation Diploma Program include Physics 30 in their selection of high school courses.

The program is certified by Transport Canada. Mount Royal University is also an active member of the Canadian Association of Aviation Colleges, Aviation Alberta, and the Air Transport Association of Canada's Flight Training Committee. The instructors are predominantly Airline Transport-rated Pilots with Class 1 and 2 instructional classifications, or graduates of Mount Royal's Aviation Program.

In addition to the flight and academic requirements, students in this program will be required to meet the expectations of the aviation profession in terms of dress, deportment and professional conduct at all times.

Continuance in the Program

In addition to the general graduation requirements students must achieve the following:

1. A minimum grade of "C" is required in all Air Flight Training (AIRF) courses.
2. All FLTR courses are graded as a pass or fail. Students may repeat FLTR courses only once. Students must achieve a passing grade on FLTR courses to continue in the program.
3. Students must follow the policies and procedures as stated in current version of the Student Information Manual (SIM) or they may be subject to removal from the program.

Special Program Fees

In addition to regular tuition and general fees, flight training fees are approximately \$65,000 for a student in the two-year Aviation Diploma. A Private Pilot License (cost approximately \$15,000) must be completed prior to entering the Diploma program. Flight training fees are subject to change depending on operating costs for aircraft and related services.

Financial Assistance

Due to the cost of this program, students may be eligible for the maximum Canada Student Loan and Government of Alberta Loan. Please refer to the section on *Financial Aid* for further information.

Advance savings to complement the loan funds are essential. All fees for the program are to be paid to Mount Royal University.

Operational Procedures

Mount Royal University Aviation operational procedures are outlined in the Student Information Manual, the Company Operating Procedures and other manuals produced by the department. Students are required to make themselves familiar with these documents and all of the policies and procedures contained therein. In exceptional and legitimate circumstances, extensions or exemptions may be granted by the CFI or Program Chair. Procedures for applying for an exception or exemption are available from either the CFI or the Program Chair.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – AVIATION DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Aviation Diploma program:

- English Language Arts 30 – 1 – 60%
- Mathematics 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Physical – Applicants must hold an unrestricted Class I Aviation Medical issued by Transport Canada valid as of September 1 for the Fall Semester to which they are applying and must continue to hold a Class I Medical for the entire period of their training. Applicants should be aware that the major airlines may have vision restrictions that are more stringent than the basic Transport Canada requirements.
- Private Pilot's License – Applicants must possess an unrestricted Canadian Private Pilot's License by September 1 for the Fall Semester to which they are applying. Possession of a Private Pilot's Licence is not essential prior to being accepted.

Aboriginal Student Admission

Each year 10% of the admission seats in the Aviation diploma program will be reserved for Aboriginal students through an Aboriginal admission target.

To be considered for admission under the Aboriginal admission target, the applicant must:

- a. self-identify as an Aboriginal applicant on the Application for Admission.
- b. meet the definition of an Aboriginal Applicant.
- c. meet the minimum admission requirements as indicated in the General Admission requirements for Mount Royal University as well as the specific admission requirements for the Aviation diploma.

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during the Early Admissions period. Any unfilled designated seats will be released on June 1 to students applying under the General Admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

Flight Training Requirements

1. All published syllabus flights must be completed in Mount Royal University aircraft under the supervision of Mount Royal university instructors*.
2. Students must complete all of the published syllabus flights and simulator training for Year 1 by the end of the first year.
3. Students must complete all of the published syllabus flights and simulator training for Years 1 and 2 in order to graduate.
4. Students must successfully complete the following Transport Canada requirements in order to graduate:

- Commercial Pilot License
- Night Rating
- Multi-Engine Rating
- Group I Instrument Rating

* The only exception to number 1 is that students who are admitted to the program with complete advanced training (Night Rating or ME). They may receive credit at the discretion of the CFI for that training.

Students should be aware that Transport Canada requires that all of the licensing requirements for the Commercial License must be completed within one year of the date of the flight test. As a result, it is the students' responsibility to ensure that the timing of their flight test is planned accordingly, in order to ensure they will not have to retake the flight test.

Students should also be aware that they require 50hrs Pilot-in-command Cross-Country experience prior to commencing the multi-engine/instrument (MI) phase of training. As a result, students should have completed a sufficient number of Navigation exercises to ensure this requirement is met in a timely manner prior to beginning the MI training.

CURRICULUM

Diploma – Aviation

Year One

AIRF 1101 – Introduction to Aviation Navigation

AIRF 1109 – Aviation Meteorology (Introductory)

AIRF 1130 – Aircraft Engines

AIRF 2101 – Aviation History and Air Law

AIRF 2111 – Aeronautics and Flight Operations

AIRF 2209 – Aviation Meteorology (Advanced)

GEOG 1101 – The Physical Environment

MATH 1102 – Introduction to Geometry

PHED 2410 – Wilderness Survival Techniques

General Education Requirement

General Education Requirement Cluster 4, Foundation

Year Two

AIRF 3202 – Multi-Engine Instrument Rating

AIRF 3206 – Advanced Operations, GPS, and Crew Coordination

AIRF 3210 – Aircraft Systems

AIRF 3242 – Human Factors and Aviation Safety

ENTR 2301 – Entrepreneurial Experience or Approved Option

LSCM 2201 – Introduction to Logistics and Supply Chain Management **or**

LSCM 3301 – Introduction to Physical Distribution

MGMT 2130 – Principles and Practice of Management

General Education Requirement

General Education Requirement

General Education Requirement

Graduation Requirements

- Minimum overall Grade Point Average of 2.00 on all courses included in the program.
- A minimum grade of "C" is required in all Air Flight Training courses.

Please consult the University Calendar for information concerning the University's General Education requirement.

REQUIREMENTS IN FLIGHT TRAINING

Year One

In year one, students will complete all required courses and at least two options. Depending on flight hours, students may be required to take additional options.

The following courses are required courses:

- FLTR 1100 – Pilot Indoctrination
- FLTR 1101 – VFR Navigation
- FLTR 1102 – Applied Navigation and Instrument
- FLTR 1103 – Night Rating
- FLTR 1104 – Commercial Run

The following courses are options:

- FLTR 0200 – Pilot Preparation
- FLTR 0201 – Readiness Assessment
- FLTR 1201 – Navigation Flight 1
- FLTR 1202 – Navigation Flight 2
- FLTR 1203 – Navigation Flight 3
- FLTR 1204 – Navigation Flight 4
- FLTR 1300 – Additional Training
- FLTR 1301 – Additional Training Assessment
- FLTR 1302 – Additional Training Ground Briefing
- FLTR 1501 – Arrow Checkout

Year Two

In year two, students will complete all required courses and at least two options. Depending on flight hours, students may be required to take additional option

The following courses are required courses:

- FLTR 2100 – Currency
- FLTR 2101 – Multi-engine Training
- FLTR 2102 – IFR Navigation and Holds
- FLTR 2103 – Approach Basics
- FLTR 2104 – IFR Operations
- FLTR 2105 – Group 1 Instrument Rating

The following courses are options:

- FLTR 2201 – Navigation Flight 5
- FLTR 2202 – Navigation Flight 6
- FLTR 2203 – Navigation Flight 7
- FLTR 2204 – Navigation Flight 8
- FLTR 2300 – Additional Training Advanced
- FLTR 2301 – Additional Training Multi Engine
- FLTR 2302 – Additional Training Simulator
- FLTR 2303 – Additional Training IFR



CERTIFICATE – BUSINESS ADMINISTRATION

GENERAL INFORMATION – CERTIFICATE PROGRAMS

Three patterns have been designed to provide students with a sound foundation in business. The timetable is arranged so that part-time and evening students, as well as full-time students, can be accommodated.

ADMISSION REQUIREMENTS

Post-secondary diploma or degree. Applicants with a combination of partial post-secondary education and relevant work experience may be considered pending receipt of a current resume.

CURRICULUM

These programs are specialized in nature and cover three areas of career interest. Students will take a small number of required courses and specialize in one of the following areas: Advanced Accounting, Marketing or Human Resources.

Certificate – Advanced Accounting

Program Prerequisites

The prerequisite requirements for entry into the Advanced Accounting Certificate program are ACCT 2121 and 3220 or equivalent; or the consent of the Department.

Core Requirements

- ACCT 3221 – Intermediate Accounting I
- ACCT 3224 – Management Accounting I
- ACCT 4222 – Intermediate Accounting II
- ACCT 4225 – Principles of Auditing
- ACCT 4280 – Introduction to Personal and Corporate Income Tax
- FNCE 3227 – Introduction to Finance
- Approved Option 1
- Approved Option 2

Approved Options

Students must take any two (2) of the following courses:

- ACCT 3228 – Management Accounting II
- ACCT 4381 – Advanced Financial Accounting
- ACCT 4382 – Advanced Managerial Accounting
- ACCT 4403 – Accounting Theory
- ECON 2241 – Money and Banking
- FNCE 4407 – Investment Principles
- INBU 3301 – Global Business Environment
- LSCM 4403 – Operations Management
- MGMT 2262 – Business Statistics I
- MGMT 2263 – Business Statistics II
- MGMT 3230 – Business Law
- MGMT 3265 – Management Information Systems
- MGMT 3276 – Organizational Behaviour
- MGMT 5333 – Strategic Management
- PHIL 2229 – Business Ethics

Certificate – Human Resources

Core Requirements

- HRES 2170 – Introduction to Human Resources
- HRES 3278 – Employee Relations
- MGMT 2130 – Management Principles & Practices
- MGMT 3230 – Business Law
- MGMT 3276 – Organizational Behaviour
- Approved Option 1
- Approved Option 2
- Approved Option 3

Approved Options

Students must take any three (3) of the following courses.

- HRES 3274 – Recruitment & Selection
- HRES 3275 – Compensation and Benefits
- HRES 3277 – Organizational Learning and Development
- HRES 4407 – Transition Management

Certificate – Marketing

Core Requirements

- MGMT 2262 – Business Statistics I
- MKTG 2150 – Introduction to Marketing
- MKTG 3150 – The Science of Persuasion
- MKTG 3258 – Evidence-Based Marketing
- MKTG 3450 – Marketing Design Literacy
- MKTG 3458 – Managing Marketing Relationships
- Approved Option 1
- Approved Option 2

Approved Options

Students must take any two (2) of the following courses.

- COMM 1841 – Introduction to Public Relations
- ENTR 2301 – The Entrepreneurial Experience
- ENTR 3302 – Innovation & Creativity for Entrepreneurial Practice
- INBU 3302 – International Marketing
- MGMT 2275 – Creativity in the Workplace
- MKTG 3253 – Retail Management
- MKTG 3254 – Sales Management
- MKTG 3255 – Services Marketing
- MKTG 3256 – Advertising and Sales Promotion
- MKTG 3257 – Business to Business Marketing
- MKTG 3550 – Creating Brand Intelligence
- MKTG 3558 – Navigating Marketing Trends

Note: Prerequisites for these courses must be followed.

Graduation Requirements

To graduate, all Business Administration Certificate students must meet the following criteria:

- Successfully complete all the courses in the curriculum with a minimum overall Grade Point Average of 2.00.

FACULTY OF COMMUNICATION STUDIES



PROGRAMS OFFERED

Bachelor of Communication BCMM

Information Design

Journalism

Public Relations

Diploma – Broadcasting

Certificate – Journalism

Certificate of Achievement – International Communication

Certification of Achievement – Journalism

Diploma – Music Performance – Classical

Diploma – Music Performance – Jazz

Diploma – Theatre Arts – Performance

Diploma – Theatre Arts – Technical

Minor – Speech

FACULTY INFORMATION

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Dean, Faculty of Communication Studies

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Chair, Broadcasting

I. Ratushniak: 403.440.6114

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Chair, Public Relations

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Chair, Department of Theatre, Speech and Music Performance

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BACHELOR OF COMMUNICATION



BACHELOR OF COMMUNICATION – INFORMATION DESIGN

GENERAL INFORMATION

Information design is the art and science of preparing or “designing” information so that it can be used by human beings with efficiency and effectiveness. Information design applies traditional and evolving design principles to the process of translating complex, unorganized, or unstructured data into valuable meaningful information. In short, information designers design understanding and there are few, if any, occupations that do not feel the influence and benefits of good information design.

An information designer works in a variety of settings. These include working with strategic digital communications companies to develop Web-based applications, designing and conducting usability tests, or working with multimedia, publishing, and other knowledge management products. Information designers must have skill in writing and understand the central importance of typography in how to produce understandable and attractive documents ranging from operating instructions, brochures, and training manuals to magazines and style guides. In all cases, information designers place their focus on the user and understand the importance of usability research. Finally, the study of ethics is fundamental to information design. Information designers understand how people who read and use information must be treated with dignity and how their work can affect various constituencies—from co-workers to customers to the general public—and even the environment itself. A key strength for Information Design graduates is their ability to conceptualize procedure and compete in the global marketplace.

The interdisciplinary curriculum of the Bachelor of Communication – Information Design degree responds directly to current market trends. The degree combines skills in graphic design, typography, writing, project management, instructional design, human performance technology, and human factors that reach far beyond traditional programs in design, technical communication, or publishing. Information Design is also interdisciplinary and students will work with other communication students in Journalism or Public Relations and will complete work experience in a variety of settings. The intent of the curriculum is to prepare graduates who can not only work formatively and creatively, but also understand how to work using scientific and didactical methods as part of the field of communication research. As a result, information retrieval techniques and information assessment are central to the program and provide expertise in areas pertaining to research methods and usability.

Student Conduct

Information Design students are expected to adhere to the Code of Ethics and Professional Practices, to which all students at Mount Royal are expected to practice. Any deliberate breaches will result in disciplinary action with transgressions being equated to academic dishonesty, and with consequences as outlined in the Mount Royal Code of Student Conduct referenced in this calendar.

Continuance in the Program

Students accepted into the Bachelor of Communication program are subject to all Mount Royal policies and regulations relating to baccalaureate degrees and continuance.

Residency Requirements

A minimum of 50 percent of the course requirements for the degree must be completed as a registered student of Mount Royal, not including the required non-credit work experience.

Communication Work Experience

For graduation purposes, Information Design students are required to complete one, non-credit, semester-long supervised work experience (with a 12 full time work week minimum) in the communications field during their program. To be eligible, all students must complete a range of prerequisites. Because work experience involves professional placements, the program chair can, for a fixed period, deny eligibility to any student who has acted in an inappropriate and unprofessional manner during the preparation phase. Any student who receives a work experience assessment of Fail for exhibiting professional misconduct may be required to withdraw from the program, subject to terms of the Student Code of Conduct.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF COMMUNICATION – INFORMATION DESIGN

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Communication – Information Design program.

- English Language Arts 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Interview with information design faculty

Transfer Credit

Students who have completed, in good standing, a diploma in a related field such as technical design or multimedia from Medicine Hat, Mount Royal, NAIT, SAIT, or other Universities in Alberta or other provinces, may be eligible for transfer credit. Information Design is a distinct discipline and students considering transfer must appreciate the importance of the need for required foundation courses in writing and design theory.

CURRICULUM

Bachelor of Communication – Information Design

COMM 2500 – Intro to Communication Studies

COMM 2501 – Media History and Contemporary Issues

COMM 3500 – Media, Culture and Communication Theory

COMM 4501 – Roles and Practices in Contemporary Communication

All of:

COMM 1600 – Foundations of Information Design

COMM 1610 – Tools for Information Designers

COMM 1620 – Foundations of Graphics

COMM 1661 – Technical Writing I

COMM 2663 – Rhetoric

COMM 2666 – Typography

COMM 2667 – Information Architecture

COMM 2670 – Programming for Information Designers

COMM 2673 – Introduction to Digital Layout

COMM 2680 – Intercultural Communication in Information Design

COMM 3600 – Usability

COMM 3605 – Research in Information Design

COMM 3610 – Visual Communication for Information Design I

COMM 3611 – Visual Communication for Information Design II

COMM 3620 – Document Production I

COMM 3670 – Project and Content Management

COMM 4620 – Document Production II

COMM 4665 – Instructional Design

COMM 4679 – Issues in Communication: Ethics and Law

COMM 4680 – Portfolio

And these non-credit program elements:

COMM 4690 – Info Design Workplace Issues and Preparation Seminar

*non credit

COMM 4691 – BCMM Information Design Work Experience I *non credit

COMM 4692 – BCMM Information Design Work Experience II *non credit

– optional

**All courses three credits except non-credit courses COMM 4690, 4691 and 4692.*

General Education

In addition to the courses listed above Information Design students require 12 General Education courses and four electives. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.

GRADUATION REQUIREMENTS

Completion of all courses with a minimum final grade of “C” in each core course, and a grade of “Pass” in the non-credit work experience preparation seminar (COMM 4690) and work experience (COMM 4691).

BACHELOR OF COMMUNICATION – JOURNALISM

The world of journalism is varied and challenging and Mount Royal's goal is to ensure that journalism graduates have a range of skills and understandings that they can draw upon in this ever-changing landscape. The best journalism is accomplished by people with a thorough grasp of the fundamentals of reporting, writing, editing and illustrating news, the ability to think critically about their work and work environment, and a deep curiosity about how society functions, or often does not function. The Journalism major in the four-year Bachelor of Communication program is based on integrating classroom learning with practical experience, including professional work experiences, and is focused on providing students with a broad-based journalism education in writing, idea and story development, newspaper production, broadcasting, photography, and Internet-based news requirements. It additionally includes:

- Considerable exposure to written, spoken and mediated communications, and to the effective use of computers.
- The opportunity to develop and practice a range of presentation skills.
- A focus on critical reflection about journalism generally, and the student's own work through instructor feedback, peer critiques, and self-reflection.
- Consideration of the social context for the practice of journalism including media history, law and ethics.
- Direct workplace exposure in communications through a required professional work experience.
- A strong General Education component that ensures both breadth of study and the potential to achieve a concentration in a given discipline, such as political science, history, sociology, or a second language among other possibilities.
- Electives students can use to explore a specific discipline more fully.
- Information retrieval techniques and information assessment are presented in a number of courses, while a course in research design and methodology encourages a more comprehensive understanding of the goals and nature of research.
- A Communication Studies component with specific attention to key theories that explain the interaction inherent in communication processes.
- Complementary communications courses in Information Design or Public Relations.
- Strict attention to ethical practice as detailed in a program-wide journalism policy manual.

This blend of elements introduces journalism students to the expectations and requirements of professional practice in context of the role journalism plays in society, while allowing them to step outside that frame to consider other ideas and forces that shape their world; and to acquire a depth and breadth of knowledge intended to serve journalism graduates in a variety of ways.

Student Conduct

Professional work completed in the Journalism program is guided by a Journalism Code of Ethics and Professional Practices, to which all journalism students at Mount Royal are expected to adhere. Any deliberate breaches will result in disciplinary action with transgressions being equated to academic and/or non-academic misconduct, and with consequences as outlined in the Mount Royal Code of Student Conduct. For information on the Code of Student Conduct please visit the Office of Student Conduct website.

Continuance in the Program

Students accepted into the Bachelor of Communication program are subject to Mount Royal policies and regulations relating to baccalaureate degrees and continuance.

Communication Work Experiences

Journalism students are encouraged to complete two non-credit semester-long work experiences (with a 12 full time work week minimum) in the communications field during their program, but are required for graduation purposes to complete one such supervised work experience. To be eligible, all students must complete a range of prerequisites. Because work experiences are professional placements the program chair can, for a fixed period, deny work experience eligibility to any student who has acted in an inappropriate and unprofessional manner during the preparation phase, or during a work experience. Any student cited for professional misconduct in advance of or during a work experience will be required to withdraw from the work experience process, and could be subject to further sanctions under terms of the Student Code of Conduct.

Students with a Communications Diploma

Students who have completed in good standing a diploma in journalism, broadcasting or multimedia from Grant MacEwan, Mount Royal, SAIT, or other community colleges in Alberta or other provinces, may be eligible for entry into the third year of the Bachelor of Communication – Journalism program. Contact the journalism program for details.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF COMMUNICATION – JOURNALISM

In Addition to meeting the general admission requirements, indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Communication – Journalism program.

- English Language Arts 30-1 – 60%
- Social Studies 30-1

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criterion:

- Interview with journalism faculty

CURRICULUM

Bachelor of Communication – Journalism

COMM 2500 – Introduction to Communication Studies

COMM 2501 – Media History and Contemporary Issues

COMM 3500 – Media, Culture and Communication Theory

COMM 4501 – Roles and Practices in Contemporary Communications

And one of:

COMM 1610 – Tools for Information Designers

COMM 1841 – Introduction to Public Relations

All of:

COMM 1707 – Journalism Elements

COMM 1709 – Journalism Practice & Theory

COMM 1720 – Managing Digital Media

COMM 1727 – Introduction to Visual Journalism

COMM 1728 – Journalism Projects

COMM 3707 – News Reporting

COMM 3709 – News Editing and Reporting

COMM 3717 – Specialized Writing

COMM 3720 – Newspaper Production and Design

COMM 3727 – Visual Journalism II

COMM 3729 – Online Journalism

COMM 3735 – Ethics, Law and the Media

COMM 3737 – Research Design and Methodology

COMM 3740 – Audio/Visual Storytelling

COMM 3747 – Audio/Visual Storytelling for Online Media

One of:

COMM 4705 – Online Editorial Board

COMM 4707 – Editorial Board

And at least three of:

COMM 4705 – Online Editorial Board

COMM 4707 – Editorial Board

COMM 4709 – Public Affairs Reporting

COMM 4711 – Public Affairs Reporting II

COMM 4717 – Magazine Writing, Editing and Production

COMM 4727 – Photojournalism Projects

COMM 4729 – Multimedia Projects

COMM 4737 – Research Projects

COMM 4747 – Advanced Audio/Visual Projects

COMM 4757 – Corporate Communications

COMM 4759 – The Business of Media

Up to two courses above may be substituted by one or both of:

COMM 3797 – Special Topics in Journalism

COMM 3799 – International Journalism Projects

And these non-credit program elements need be completed as noted:

COMM 4790 – Workplace Issues & Work Experience Preparation Seminar
*non credit

COMM 4791 – Journalism Work Experience I *non credit

COMM 4792 – Journalism Work Experience II *non credit – optional

**All courses three credits but for non-credit courses COMM 4790, 4791 and 4792.*

General Education

In addition to the above list Journalism students require 12 General Education courses and four electives. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.

GRADUATION REQUIREMENTS

- Degree candidates in the Bachelor of Communications - Journalism must complete all core courses in the program with a final grade of "C" or better.
- Successful completion of 120 - credits and all courses for graduation as listed.
- Successful completion of one non-credit internship and the non-credit internship preparation seminar.

Note: For course descriptions refer to:

Bachelor of Communication – Journalism:

mtroyal.ca/ProgramsCourses/FacultiesSchoolsCentres/Communications/Programs/BachelorofCommunication-Journalism/CurriculumCourses/index.htm

- For course information on the nature and structure of General Education visit the website for the Department of General Education in the Faculty of Teaching and Learning at Mount Royal.

BACHELOR OF COMMUNICATION – PUBLIC RELATIONS

GENERAL INFORMATION

Globalization, technology, new attitudes toward work, workplace turbulence and the speed of change are all affecting organizations' ability to communicate effectively and responsibly. Now, more than ever, the public relations professional must be ready to bring communication solutions to the challenges experienced in organizations large and small and across all sectors in society. The Bachelor of Communication – Public Relations degree at Mount Royal is designed for individuals interested in learning how to assist organizations to manage their communication with a variety of audiences and key stakeholders in ways that build and maintain ethical and mutually beneficial relationships.

The degree blends human and organizational communication theory with interdisciplinary curriculum that will allow students to learn and work with students in journalism, broadcasting and information design. As well, a strong General Education component, common to all Mount Royal degrees, will ensure breadth of study and the ability for students to pursue a discipline outside of communication more fully.

The Public Relations curriculum includes basic and strategic communication planning, research theory and design, international and intercultural communication, media relations, fund development and corporate philanthropy, issues management and crisis communications, and the basics of financial communication through a course in investor relations. Specific skills, critical to a successful public relations professional are learned through several intensive writing courses, computer mediated communication, the basics of layout and design, and event management.

Note: The nature and structure of the General Education component is common to all degrees.

Student Conduct

Public relations students are expected to adhere to the Code of Student Conduct as outlined for all students at Mount Royal. As well, students will learn and be held accountable for knowing and adhering to the Canadian Public Relations Society's Code of Professional Standards. Any deliberate breaches to either Code, such as academic dishonesty, will incur consequences as outlined in the Mount Royal Code of Student Conduct.

Continuance in the Program

Students accepted into the Bachelor of Communication – Public Relations degree must comply with all Mount Royal policies and regulations relating to baccalaureate degrees and continuance.

Communication Work Experience

To ensure our graduates are ready to take their place in the profession, Public Relations students are required to complete two non-credit, work experiences involving four months of paid, full time supervised work in a public relations setting. These work experiences not only put newly learned skills to work, they expand the students' network, build confidence and create opportunities to travel. Students in the Public Relations Program take their first work experience during the summer following their third year, and the second in the winter semester of their final (fourth) year. To be eligible, all students must complete a range of prerequisites. Both work experiences involve professional placements and, as such, the program chair can, for a fixed period, deny eligibility to any student who has acted in an inappropriate and unprofessional manner during the preparation phase. Any student who receives a work experience assessment of Fail for exhibiting professional misconduct will be ineligible to continue in core courses until the work experience has been successfully completed or may be required to withdraw from the program, subject to the terms of the Student Code of Conduct.

Certificate of Achievement in International Communication

Students in any major of the Bachelor of Communication (BCMM), offered through the Faculty of Communication Studies (FCS), may obtain a Certificate of Achievement in International Communication following completion of a number of courses: including at least two courses in a second language, three courses with an international focus in a range of disciplines, and an acceptable international volunteer, study abroad, or work experience. Students may satisfy requirements of the certificate while completing their degree, with completed courses counting towards both. In doing so they will use some of their general education course requirements at level two or three, some of their communication courses, and some or all of the four elective courses in their program of study. Completing the certificate within the framework of the degree requires planning beginning in year one of the degree programs. Interested students may obtain a full description of the requirements and processes from their program chair.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs as indicated in the *Admission* section of this Calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF COMMUNICATION – PUBLIC RELATIONS

In Addition to meeting the general admission requirements, indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Communication – Public Relations program.

- English Language Arts 30-1 – 60%
- Social Studies 30-1

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Interview with public relations faculty

Transfer Credit

Students who have completed (in good standing) a diploma in public relations from Grant MacEwan University or Kwantlen University College, or other Universities in Canada may be eligible for transfer credit. Public Relations is a distinct discipline and students considering transfer must appreciate the importance of the need for required foundation courses in public relations theory and writing.

CURRICULUM

Bachelor of Communication – Public Relations

All of:

COMM 1841 – Introduction to Public Relations
 COMM 1845 – Interpersonal Communication
 COMM 1849 – Applied Writing I for Public Relations
 COMM 2500 – Introduction to Communication Studies
 COMM 2501 – Media History and Contemporary Issues
 COMM 2803 – Visual Communication for Public Relations
 COMM 2849 – Applied Writing II for Public Relations
 COMM 3500 – Media, Culture and Communication Theory
 COMM 3841 – Media Relations
 COMM 3843 – Communication and Organizational Dynamics
 COMM 3847 – Public Relations Management
 COMM 3851 – Computer Mediated Communication
 COMM 3855 – Research Methods for Public Relations
 COMM 3860 – Government Public Relations
 COMM 4501 – Roles and Practices in Contemporary Communication
 COMM 4841 – Strategic Communication Planning
 COMM 4847 – International and Intercultural Public Relations
 COMM 4851 – Issues and Ethics in Public Relations
 COMM 4860 – Issues Management, Risk and Crisis Communication

One of:

COMM 4845 – Investor Relations or
 COMM 4849 – Fund Development and Corporate Philanthropy

One of:

COMM 1661 – Technical Writing I or
 COMM 1700 – Journalism in Society or
 COMM 3670 – Project and Content Management

All of:

COMP 1205 – Introduction to Computing for Public Relations
 MGMT 2131 – Introduction to Business Administration
 MKTG 2150 – Introduction to Marketing

All of:

Elective
 Elective
 Elective
 Elective

And these non-credit program elements:

COMM 4890 – Public Relations Workplace Issues and Preparation Seminar
 COMM 4891 – BCMM Public Relations Work Experience I *non credit - required
 COMM 4892 – BCMM Public Relations Work Experience II *non credit - required

**All courses three credits except non-credit courses COMM 4890, 4891 and 4892.*

General Education

In addition to the above list Public Relations students require 12 General Education courses and four electives. For course information visit mtroyal.ca/gened/courses.

GRADUATION REQUIREMENTS

For graduation purposes, all degree candidates in the Bachelor of Communication - Public Relations must complete all core courses in the program, with a final grade of "C" or better.

- Successful completion of the total required credits and courses for graduation as listed
- Successful completion of two non-credit work experience placements and the non-credit work experience preparation seminar.

Note: For course descriptions refer to:

Bachelor of Communication – Public Relations:

mtroyal.ca/communicationstudies/prelations/curriculum.shtml

DIPLOMA – BROADCASTING



GENERAL INFORMATION

The Broadcasting program at Mount Royal University offers participants the knowledge and skills necessary to qualify for entry-level positions in the broadcasting industry.

Theoretical learning and tutorials in radio and television practice are combined with practical experience in on-campus and off-campus radio and television stations.

The program of study emphasizes broadcast journalism, announcing, commercial writing, producing and presenting, program writing and radio and television operations and production. Program participants in Semester 4 will specialize in one of: television operations and production television news writing, reporting and presenting or television commercial writing, producing and presenting.

University Transfer

Information on specific transfer possibilities is available from the program Chair, Broadcasting.

Continuance in the Program

Students accepted into the Broadcasting Diploma degree must comply with all Mount Royal policies and regulations relating to baccalaureate degrees and continuance.

Additional Expenses

Participants in the Broadcasting program can expect to incur at least \$1,000 in expenses for materials and supplies during the course of the program.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BROADCASTING DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Broadcasting Diploma program:

- English Language Arts 30-1 – 60%
- Social Studies 30-1

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the College. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Interview

CURRICULUM

Diploma – Broadcasting

Year One

COMM 1112 – Introduction to Radio Writing
 COMM 1114 – Introduction to Broadcast Journalism (Radio)
 COMM 1116 – Introduction to Radio Operations
 COMM 1201 – Advanced Radio Operations
 COMM 1206 – Radio Performance
 COMM 1209 – Television Operations

One of:

COMM 1202 – Radio Commercial Writing

or COMM 1203 – Radio New

Note: First choice of specialization in Semester 2 is not guaranteed. Registering in either Communications 1202 or Communications 1203 is dependent upon students achieving a minimum grade of B+ in the prerequisite Semester 1 core courses. See course outlines for further details.

Year Two

COMM 1204 – Broadcast Journalism (Television)
 COMM 1205 – Radio Practicum
or COMM 1281 – Television Practicum
 COMM 1240 – Television Program Production and Television Operations
 COMM 1241 – Television Creative Writing/Producing
 COMM 1244 – Broadcast Industry Organizational Structure

One of the following combinations:

COMM 1211 – Advanced Television Production

COMM 1213 – Extended Broadcast Studies

or

COMM 1247 – Television News Production

COMM 1248 – Television News and Documentary Writing

or

COMM 1242 – Advanced Television Creative Writing/Producing

COMM 1245 – Advertising for Broadcasters

All Broadcasting Diploma student must complete all core courses in the program, with a final grade of “C” or better.

Note: First choice of specialization in Semester 4 is not guaranteed. Registering in either Communications 1211 and Communications 1213, or Communications 1247 and Communications 1248, or Communications 1242 and Communications 1245 is dependent upon students achieving a minimum grade of B+ in the prerequisite Semester 3 core courses. See course outlines for further details.

General Education

In addition to the above list Broadcasting students require 5 General Education courses. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.



CERTIFICATE – JOURNALISM



GENERAL INFORMATION

The Certificate in Journalism consists of two (2) semesters or eight months of intensive undergraduate study of the practice and theory of journalism including exposure to print, broadcast, online and photojournalism. This certificate is open to prospective students who have completed the equivalency of a bachelor's degree from a recognized college or university. It is designed to offer previously successful students, who may not have studied journalism before, sufficient industry understanding and journalism skills to apply to work in the media. The certificate also allows students to choose a number of courses they feel will be most valuable to them and best suit their goals. The certificate may also appeal to those interested in expanding their understanding of journalism in the context of their interest in other disciplines, or as additional preparation for graduate studies.

Continuance in the Program

Students accepted into the Certificate in Journalism are subject to all Mount Royal policies and regulations relating to program continuance.

Communications Work Experience

Certificate students who successfully complete all courses may with program approval opt to take, during the summer of the same year in which the student completes the certificate, a Mount Royal organized and supported non-credit work experience in the communications industry. In doing so the student agrees to abide by all rules and requirements of the work experience process. Details of this option will be discussed fully during the fall semester in COMM 4790 – Workplace Issues and Internship Preparation Seminar. Because work experiences are professional placements the program chair can, for a fixed period, deny work experience eligibility to any student who has acted in an inappropriate and unprofessional manner during the preparation phase, or during a work experience. Any student cited for professional misconduct in advance of or during a work experience will be required to withdraw from the work experience process, and could be subject to further sanctions under terms of the Student Code of Conduct.

Certificate of Achievement - Journalism

Journalism is a fundamental element of our daily lives. Whether in print, on television, on radio or online, and whether mainstream or specialized, journalism helps us make sense of our world by providing us with information and exposing us to new ideas. Mount Royal University in Calgary has been involved in educating journalists for more than 40 years. In addition to campus-based programs it is now offering students the opportunity to start their journalism studies through online delivery. The Certificate of Achievement – Journalism comprises four courses designed to introduce the online student to the craft and context of journalism as practiced today. Students who complete the four online courses will be awarded the Certificate of Achievement – Journalism by Mount Royal's Faculty of Communication Studies.

How to Apply

E-Campus Alberta students must apply for the Certificate of Achievement – Journalism by using the application form and process posted on the university's website: www.mtroyal.ca. Choose the "Prospective Students" option. Students on-campus who are completing an MRU degree program other than journalism need not apply, and can access the courses through the usual registration process.

Mount Royal Journalism Programs

In addition to the Certificate of Achievement – Journalism Mount Royal also offers two programs at its main campus in Calgary: a Bachelor of Communication - Journalism, and a one-year intensive Journalism Certificate program exclusively for students who have already completed a baccalaureate degree at a recognized post-secondary institution.

E-Campus Alberta students considering one of our campus-based programs should review in advance the application criteria for those programs. While the four courses in the Certificate of Achievement – Journalism may also count as credit toward completion of Mount Royal's campus-based programs, online students must apply separately for campus-based programs, and must also meet all criteria.

Computer Needs

To participate in this program, a student will require access to a computer with sufficient power, capacity, and Internet access. In COMM 1720 – Managing Digital Media, students will be using widely available and free-for-use open source software that generally needs to be downloaded and stored. It is advised that students check with computer suppliers to ensure that their computer will function effectively under these circumstances.

Receiving the Certificate After completing the four courses, all students must apply for their online Certificate of Achievement – Journalism by contacting the Faculty of Communication Studies at 403.440.6958 and requesting an application form.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar. Again, students already admitted to campus-based Mount Royal programs need not apply to take certificate, and can simply add the applicable courses to their schedules in a given semester.

ADDITIONAL ADMISSION REQUIREMENTS CERTIFICATE OF ACHIEVEMENT – JOURNALISM

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Certificate of Achievement – Journalism program:

- English Language Arts 30-1 – 60%
- Social Studies 30-1

Additional Criteria

The Certificate in Journalism requires completion of a bachelor or graduate degree in any field or discipline. In addition to meeting all academic admission criteria, applicants must meet the following criteria:

- Interview with Journalism faculty

CURRICULUM

Journalism Certificate required courses

Fall Semester:

COMM 1720 – Digital Media Management
 COMM 2501 – Media History & Contemporary Issues
 COMM 3705 – Reporting News
 COMM 3720 – Newspaper Production and Design
 COMM 3744 – Audio/Visual News Reporting
 COMM 4790 – Journalism Workplace Issues & Work Experience Preparation Seminar *non-credit

Winter Semester:

COMM 1841 – Introduction to Public Relations
 COMM 3709 – Newspaper Editing & Reporting
 COMM 3717 – Specialized Writing for Journalism
 COMM 3729 – Online Writing, Editing & Production
 COMM 3747 – Audio/Visual Storytelling for Online Media
 COMM 4791 – Journalism Work Experience I *optional

**All courses three credits but for non-credit courses COMM 4790 and 4791.*

CURRICULUM

Certificate of Achievement - Journalism

*All courses 3 credits

COMM 1700 – Journalism in Society

COMM 1720 – Managing Digital Media

COMM 2501 – Media History and Contemporary Issues

COMM 3717 – Specialized Writing for Journalism

GRADUATION REQUIREMENTS

Completion of all courses with a minimum final grade of 'C' in each core course, and a grade of Pass in the non-credit work experience preparation seminar, COMM 4790.

ELIGIBILITY AND GRADUATION REQUIREMENTS

The Certificate of Achievement – Journalism is open to E-Campus Alberta students, and students attending most programs on campus at MRU in Calgary. However, on-campus journalism students are not eligible to participate. Other Mount Royal students enrolled in campus-based programs may take the online courses when scheduled as a combination of electives and general education courses, and they are responsible for ensuring the courses in the certificate fit the graduation needs specific to their on-campus programs of study. All students must successfully complete all courses in the certificate of achievement curriculum with a minimum final grade of "C."

DIPLOMA – MUSIC PERFORMANCE



GENERAL INFORMATION

In response to the special needs of young musicians who may have the potential to become professional performers, Mount Royal University has developed a diploma program in Music Performance with streaming to fit the needs of different instruments. Our program is unique in that it provides the academic rigour of the conventional music performance program while enhancing the emphasis on the development of performing skills.

The diploma in Music Performance is designed to prepare students for positions in professional performing organizations or for further studies, by allowing them approximately five (5) hours a day for concentrated practice and by giving them the opportunity to develop their performance skills under very careful guidance.

Recognizing that many students will want to pursue a Bachelor of Music, the diploma in Music Performance is fully transferable within the Alberta post-secondary system.

Continuance in the Program

Students who fail to achieve a minimum grade of "C" (2.00 Grade Point Average) in each of the required core courses in the program will not be allowed to continue in Music Performance diploma core courses in the subsequent semester, and must repeat any required core courses in which the "C" minimum was not met. This grade requirement does not apply to the General Education Requirements. A minimum grade of "C" is required in all Music Performance core courses in order to qualify for a diploma.

Additional Fees

There is also an additional fee of \$225 per semester over and above the standard University fees.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – MUSIC PERFORMANCE DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Music Performance Diploma program:

- English Language Arts 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Audition and interview – applicants must exhibit performance skills at an advanced level through presentation of major works of repertoire on their instrument or voice. Applicants must play or sing before an audition panel. A tape/CD is acceptable for those applying from out of the province or country. Applicants will be assessed on their technique, artistry and potential to fulfill program requirements. Applicants will also be interviewed.
- Placement tests in music theory and ear training will be required.

CURRICULUM

Diploma – Music Performance – Classical

In addition to meeting standard General Education requirements Classical Music students need complete these required Classical Music courses:

Year 1

MUSC 1104 – Chamber Ensemble I or

Approved Language Requirement – Voice*

MUSC 1109 – Theory of Music I

MUSC 1115 – Choir I or MUSC 1119 – Orchestra I

MUSC 1120 – Chamber Ensemble II or

Approved Language Requirement – Voice*

MUSC 1123 – Theory of Music II

MUSC 1214 – Choir II **or** MUSC 1219 – Orchestra II

MUSC 2201 – Introduction to Music History

MUSC 2241 – History of Musical Style I

MUSD 1100 Level – Principle Instrument or Voice

MUSD 1200 Level – Principal Instrument or Voice

Year 2

MUSC 1215 – Choir III or MUSC 1220 – Orchestra III

MUSC 1216 – Chorus IV or MUSC 1221 – Orchestra IV

MUSC 1230 – Chamber Ensemble III or

Approved Language Requirement – Voice*

MUSC 1240 – Chamber Ensemble IV (not required for Voice)

MUSC 2109 – Theory of Music III

MUSC 2123 – Theory of Music IV

MUSC 3343 – History of Musical Style II

MUSC 3345 – History of Musical Style III

MUSD 1300 Level – Principal Instrument or Voice

MUSD 1400 Level – Principal Instrument or Voice

Diploma – Music Performance – Jazz

In addition to meeting standard General Education requirements Jazz Music students need complete these required Classical Music courses:

Year 1

MUSC 1104 – Chamber Ensemble I

MUSC 1109 – Theory of Music I

MUSC 1115 – Choir I or MUSC 1119 – Orchestra I

MUSC 1120 – Chamber Ensemble II

MUSC 1123 – Theory of Music II

MUSC 1214 – Choir II or MUSC 1219 – Orchestra II

MUSC 1234 – Jazz History I

MUSD 1100 Level – Principal Instrument or Voice

MUSD 1200 Level – Principal Instrument or Voice

Year 2

MUSC 1215 – Choir III or MUSC 1220 – Orchestra

MUSC 1216 – Chorus IV or MUSC 1221 – Orchestra IV

MUSC 1230 – Chamber Ensemble III

MUSC 1240 – Chamber Ensemble IV

MUSC 2201 – Introduction to Music History

MUSC 2251 – Jazz Theory I

MUSC 2253 – Jazz Theory II

MUSC 2261 – Jazz Composition and Arranging I

MUSC 2263 – Jazz Composition and Arranging II

MUSC 2281 – Jazz Improvisation I

MUSC 2283 – Jazz Improvisation II

MUSD 1300 Level – Principal Instrument or Voice

MUSD 1400 Level – Principal Instrument or Voice

* Students in the Vocal Stream will enrol in an approved university level transfer language course with a minimum of 3 credits at Mount Royal or at another post-secondary institution in French, German, or Italian. Courses acceptable at Mount Royal University are: French 1109/1111/1113/1115/1117, German 1105/1107/1125/1127, Italian 1101/1103.

General Education

In addition to the above list Music Performance students require 5 General Education courses. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.

DIPLOMA – THEATRE ARTS



GENERAL INFORMATION

There is a growing interest in theatre arts education in Canada. Professional theatre companies in the country are demanding higher levels of training and skill from prospective employees and interns; theatre arts studies are now a part of most secondary school curricula; and continuing national concern about our cultural identity has drawn increased attention to developments in Canadian performing arts industries. Furthermore, television and film companies, both Canadian and foreign, have discovered a great resource in Canada's theatre technicians, production personnel and performers, creating an increased demand on the talent pool.

Mount Royal University is responding to these demands by offering an intensive and specialized program in Theatre Arts. Students who wish to continue their studies after high school or seek training at a later stage in their careers may apply for admission to the Mount Royal University program in either of the Performance or Technical Streams, each of which features a transition course for film/television in the final semester. Another unique feature of this program is the high level of involvement of local professional companies whose personnel are integrally involved in teaching the courses offered. Training takes place at Mount Royal University and in local theatre venues.

Continuance in the Program

Students must complete all required courses each term, in the sequence outlined in the calendar. Any exceptions must receive approval of the department chair. Students in the Technical Stream must pass all courses each term in order to proceed in the program; students in the Performance Stream must pass all General Education Requirements and achieve a minimum of a "C" in all Theatre Arts courses in order to proceed in the program.

Students who are no longer enrolled or who have been disqualified from the program may apply for re-admission by forwarding a letter of intent directly to the department and submitting an application for admission to the Office of the Registrar. Re-admission is at the discretion of the department faculty, and is not automatic. Students who are re-admitted must meet with the theatre arts advisor and must repeat any course in which the minimum grade was not met before continuing on a full-time basis in the program.

Student Conduct

Students should adhere to University policy regarding non-academic conduct as defined in the calendar. In addition, students in the Theatre Arts program are expected to conduct themselves in a professional manner in rehearsal, performance and in any department-affiliated activity. Inappropriate behaviour will be dealt with firmly and may result in disqualification from the program.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – THEATRE ARTS DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Theatre Arts Diploma program:

- English Language Arts 30-1 or English Language Arts 30-2 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

Performance Stream

- An interview.
- A resume indicating all theatre experience and training as well as related or unrelated work experience.
- An individual performance audition.
- Selected applicants from the individual performance audition will be contacted for a group call-back audition.

Technical Stream

- A resume indicating all theatre experience and training as well as related or unrelated work experience.
- One letter of reference from teachers and/or work supervisors.

CURRICULUM

Diploma – Theatre Arts – Performance

Year 1

THEA 1105 – Production Practicum I*

THEA 1110 – Acting I

THEA 1120 – Movement I

THEA 1130 – Voice for the Actor I

THEA 1135 – Basic Music Skills I

THEA 1205 – Production Practicum II*

THEA 1210 – Acting II

THEA 1220 – Movement II

THEA 1230 – Voice for the Actor II

Year 2

THEA 1202 – Early Theatre

THEA 1203 – Modern Theatre

THEA 1206 – Production Practicum III*

THEA 1207 – Production Practicum IV*

THEA 1211 – Acting III

THEA 1212 – Acting IV

THEA 1215 – Acting for Film and Television

THEA 1221 – Movement III

THEA 1222 – Movement IV

THEA 1231 – Voice for the Actor III

THEA 1232 – Voice for the Actor IV

THEA 1235 – Basic Music Skills II

THEA 1280 – Professional Development

* Students are required to be involved in rehearsals and performances of department productions; the extent of their involvement increases as they progress through the program and the number of hours varies.

General Education

In addition to the above list Theatre Arts students require 5 General Education courses. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.

Diploma – Theatre Arts – Technical

Year 1

THEA 1100 – Stagecraft I

THEA 1105 – Production Practicum I*

THEA 1141 – Lighting I

THEA 1146 – Sound I

THEA 1154 – Costumes I

THEA 1157 – Drafting and Design I

THEA 1200 – Stagecraft II

THEA 1205 – Production Practicum II*

THEA 1241 – Lighting II

THEA 1246 – Sound II

THEA 1254 – Costumes II

THEA 1257 – Drafting and Design II

THEA 1271 – Stage Management I

Year 2

THEA 1202 – Early Theatre

THEA 1206 – Production Practicum III*

THEA 1273 – Stage Management II

Plus three of:

THEA 1208 – Properties I

THEA 1242 – Lighting III

THEA 1248 – Sound III

THEA 1255 – Costumes III

THEA 1258 – Scenic Painting I

THEA 1267 – Stage Carpentry and Scenic Construction I

Year 2 second semester

THEA 1203 – Modern Theatre

THEA 1207 – Production Practicum IV*

THEA 1280 – Professional Development

THEA 1285 – Film and Television Set Etiquette

Plus three of:

THEA 1209 – Properties II

THEA 1245 – Lighting IV

THEA 1249 – Sound IV

THEA 1256 – Costumes IV

THEA 1259 – Scenic Painting II

THEA 1268 – Stage Carpentry and Scenic Construction II

* Students are required to be involved in rehearsals and performances of department productions; the extent of their involvement increases as they progress through the program and the number of hours varies.

General Education

In addition to the above list Theatre Arts students require 5 General Education courses. For details on the nature and structure of General Education visit: mtroyal.ca/gened/courses.

FACULTY OF HEALTH AND COMMUNITY STUDIES



PROGRAMS OFFERED

Bachelor of Arts – Criminal Justice BA-CJ
 Bachelor of Midwifery
 Bachelor of Nursing BN
 Bachelor of Applied Business and Entrepreneurship – Sport and Recreation
 Bachelor of Applied Child Studies BChSt
 Bachelor of Applied Ecotourism and Outdoor Leadership BEOL (Applied)
 Bachelor of Physical Education (University Transfer)
 Diploma – Child and Youth Care Counsellor
 Diploma – Disability Studies
 Diploma – Early Learning and Child Care
 Diploma – Social Work
 Certificate – Athletic Therapy
 Certificate – Early Learning and Child Care
 Certificate – Studies in Aging (Admission suspended)
 Post-Basic Certificates
 Advanced Studies in Critical Care Nursing
 Critical Care Nursing
 Emergency Nursing
 Neuroscience Nursing
 Advanced Studies in Perinatal and Neonatal Nursing
 (Admission suspended)
 Forensic Studies
 Bridge to Canadian Nursing –Certificate of Achievement

FACULTY INFORMATION

Department: 403.440.8694
 Dean, Faculty of Health and Community Studies
 C. London: 403.440.6496
 Associate Dean,
 V. Salyers: 403.440.8433
 Chair, Department of Justice Studies
 K. Sundberg: 403.440.5646
 Practicum Coordinator,
 L. Acheson: 403.440.5682
 Chair, Department of Child and Youth Studies
 C. Smey Carston: 403.440.6447
 Coordinator, Child Studies
 J. Baxter: 403.440.6492
 Work Experience Coordinator, Child Studies
 D. Mehdwan: 403.440.7016
 Coordinator, Child and Youth Care Counsellor
 M. Kingsmith: 403.440.6214
 Coordinator, Early Learning and Child Care
 S. Garrow-Oliver: 403.440.5003
 Department Academic Advisor
 A. Smith: 403.440.8906
 Chair, Department of Physical Education and Recreation Studies
 S. Price: 403.440.6513
 Program Coordinator, Athletic Therapy
 M. Lafave: 403.440.6246
 Program Coordinator, Ecotourism and Outdoor Leadership
 J. Pavelka: 403.440.6512
 Program Coordinator, Sport and Recreation
 J. Boone: 403.440.6986

FACULTY INFORMATION CONT'D

Program Coordinator, Bachelor of Physical Education - University Transfer
G. Koroluk: 403.440.6511

Practicum Coordinator & Department Academic Advisor
L. Gray: 403.440.6500

Practicum Coordinator & Department Academic Advisor
G. Marcoux: 403.440.6500

Advising Appointments: 403.440.6500

Chair, Department of Social Work and Disability Studies
G. Warthe: 403.440.6441

Program Lead/Practicum Coordinator, Disability Studies
D. Dunn: 403.440.7281

Coordinator, Social Work
Y. Dean: 403.440.5920

Coordinator, Practicum & Advising
G. Coupland: 403.440.6997

Director, School of Nursing
P. Nordstrom: 403.440.6549

Chair, Department of Nursing
M. Quance: 403.440.5525

Assistant Chair, Department of Nursing
C. Brownell: 403.440.7745

Manager, Internationally Educated Nurses Assessment Centres Alberta
North and South
S. Goodman: 403.440.6888

Coordinator, Bridge to Canadian Nursing Program Alberta North and South
A. Barkman: 403.440.6552

Manager, Simulation Learning Centre
S. Jeske: 403.440.8680

Nursing Education Scholar, Centre for Nursing Education Scholarship in
Teaching
M. Mitchell: 403.440.6073

Chair, Department of Advanced Specialty Health Studies
H. McLellan: 403.440.7201

Coordinator, Advanced Studies in Critical Care Nursing
(Emergency Nursing)
H. McLellan: 403.440.7201

Coordinator, Advanced Studies in Critical Care Nursing
(Critical Care and Neuroscience Nursing)
P. Nickle: 403.440.6982

Coordinator, Advanced Studies in Perinatal and Neonatal Nursing
S. Beischel: 403.440.7054

Coordinator, Forensic Studies
C. Carter-Snell: 403.440.6679

Coordinator, Studies in Aging
M. Rogerson: 403.440.6882

Coordinator, Bachelor of Midwifery
D. Duran-Snell: 403.440.5544

Director, Centre for Child Well-Being
D. Clark: 403.440.6941



BACHELOR OF ARTS – CRIMINAL JUSTICE



GENERAL INFORMATION

The Bachelor of Arts – Criminal Justice is a four (4) year baccalaureate degree program. The curriculum for the degree educates students in six program areas including; Foundations in Justice Studies, Human Relations, Human Justice, Criminological Literacy, Experiential Learning and General Education. This program provides professional preparation for students wishing to pursue careers such as Law Enforcement, Canadian Border Services, Immigration Canada, Federal, Provincial and Community Corrections and Probation/ Parole. As well, the Bachelor of Arts – Criminal Justice will prepare students for a range justice-related careers outside of law enforcement and corrections. The Honours stream in the Bachelor of Arts – Criminal Justice is unique in Alberta. Students in the Honours stream will develop enhanced knowledge and skills that are particularly suited for preparation to apply for graduate study in criminology/criminal justice and law school.

Continuance in the Program

Students accepted into the Bachelor of Arts – Criminal Justice degree program must comply with all University policies and regulations relating to Bachelor of Arts degrees and continuance.

Opportunities for Further Study

The Bachelor of Arts – Criminal Justice degree, and the Honours stream, do not guarantee either eligibility for, or admission into, graduate studies or law school. Graduates must meet the individual universities' admission requirements in a competitive process. However, past graduates of Mount Royal's justice-related undergraduate degree have earned admission into several justice-related Master of Arts degrees and law schools across Canada. Students considering graduate school or law school are encouraged to investigate their postgraduate educational plans with an academic advisor at the institution in which they are seeking to enrol.

Police Security Clearance

Note: In order to graduate with the Bachelor of Arts – Criminal Justice degree, students may complete a practicum course in a justice-related agency. In some cases, agencies may require students to provide proof of a police information check prior to commencing the course. All costs related to the police information check are the responsibility of the student. Refer to the statement regarding police information and Other Background Checks in this calendar.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF ARTS – CRIMINAL JUSTICE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Arts – Criminal Justice program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Aboriginal Student Admission

Each year 10% of the seats in the Bachelor of Arts – Criminal Justice program will be reserved for Aboriginal applicants through an Aboriginal admission target.

To be considered for admission under the Aboriginal admission target, the applicant must:

- self-identify as an Aboriginal applicant on the Application for Admission.
- meet the definition of an Aboriginal Applicant.
- meet the minimum admission requirements as indicated in the General Admission requirements for Mount Royal University as well as any program level admission requirements.

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission period. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

CURRICULUM

Bachelor of Arts – Criminal Justice

PRACTICUM STREAM

The foundation of the Bachelor of Arts – Criminal Justice degree (Practicum Stream) includes eighteen (18) required core courses, three (3) criminal justice option courses, twelve (12) General Education* courses and four (4) Electives, for a total of 37 courses over four (4) years.

*Please consult the University Calendar for information concerning the University's General Education requirements.

The eighteen (18) required core courses in the Bachelor of Arts – Criminal Justice degree (Practicum Stream) consists of the following:

- CRJS 1001 – Introduction to Criminology
- CRJS 1003 – Introduction to the Criminal Justice System
- CRJS 1011 – Introduction to Human Relations
- CRJS 1013 – Diversity Issues and the Criminal Justice System
- CRJS 2003 – Young Persons in Conflict with the Law
- CRJS 2005 – Aberrant Behavior
- CRJS 2009 – Selected Issues in Human Justice
- CRJS 2013 – Interviewing Skills
- CRJS 2015 – Introduction to Research Methods
- CRJS 3001 – Quantitative Research Methods and Data Analysis
- CRJS 3005 – Qualitative Research
- CRJS 3007 – Professional Ethics
- CRJS 3009 – Crisis Intervention and Conflict Resolution
- CRJS 3011 – Criminal Law
- CRJS 4001 – Human Rights and Civil Liberties
- CRJS 4003 – Advanced Criminological Theory
- CRJS 5025 – Capstone Practicum

PLSC 2243 – Law, Politics and the Judicial Process

All students in the Bachelor of Arts – Criminal Justice (Practicum Stream) must complete three (3) of the following criminal justice option courses (exceptions require Department approval):

- CRJS 2004 – Issues and Trends in Canadian Policing
- CRJS 2006 – Corrections

CRJS 2008 – Geography of Crime: Prevention, Patterns and Trends

CRJS 2011 – Comparative Criminal Justice Systems

CRJS 2019 – Restorative Justice

CRJS 4002 – Critical Analyses of Forensic Sciences in the Criminal Justice System

CRJS 4007 – Conflict Resolution

CRJS 4013 – Evidence and Procedures

CRJS 4015 – Advanced Topics in Law, Criminology and Criminal Justice

CRJS 4017 – Casework Methods and Practice

CRJS 4021 – Women and Crime

FORE 5501 – Forensic History, Risk Populations and Issues

FORE 5503 – Forensic Psychiatric and Corrections Populations

FORE 5505 – Victims of Violence

FORE 5507 – Forensic Science

FORE 5509 – Expert Witness Testimony

FORE 5511 – Crime Scene Investigation and Evidence

General Education

For course information visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in a course.

Practica in the Bachelor of Arts – Criminal Justice

Students in the Bachelor of Arts – Criminal Justice must complete a 6-credit capstone practicum in order to graduate. There is no practicum requirement in the Honours stream.

Capstone Practicum

A capstone practicum normally occurs in the fourth year of study. Coordinated by the Department's Practicum Coordinator, students are placed with a justice-related agency to gain practical experience and enhance their experiential learning. Traditionally, practica are unpaid work experiences. Practica involve approximately 2.5 days of full-time work within an agency, biweekly academic seminars and required course assignments supervised by a faculty instructor. In total, practica involves 360 hours of placement hours and academic work over the academic term. Students are required to work with the Department's Practicum Coordinator well in advance of going out on a placement and before registering for the practicum course.

HONOURS STREAM IN THE BACHELOR OF ARTS – CRIMINAL JUSTICE

Students who are interested in pursuing graduate or law school after graduating from Mount Royal should consider applying for admission into the Honours stream in the Bachelor of Arts – Criminal Justice. The Honours stream involves a different set of fourth year courses than those found in the 4th year of study in the Bachelor of Arts – Criminal Justice. In place of completing a 6-credit practicum and one Criminal Justice Option course, students complete an Honours seminar and a 6-credit Honours research project (spread over two semesters).

Acceptance Requirements – Honours Stream in the Bachelor of Arts – Criminal Justice

Normally, students will complete a Department application for acceptance into the Honours stream upon successful completion of 25 courses in the Bachelor of Arts – Criminal Justice degree.

Students must also meet the following requirements:

- Minimum Grade Point Average of 3.25 while registered as a student in the Bachelor of Arts - Criminal Justice degree.
- Written sponsorship of a full-time tenured or tenure-track instructor in the Department of Justice Studies indicating a willingness to act as the student's Honours project advisor.

Part-time and term-certain instructors cannot serve as an Honours project advisor unless it is approved by the Chair of the Department.

CURRICULUM

Bachelor of Arts – Criminal Justice

HONOURS STREAM

The foundation of the Bachelor of Arts - Criminal Justice degree (Honours Stream) includes twenty (20) required core courses, two (2) criminal justice option courses, twelve (12) General Education* courses and four (4) Electives, for a total of 38 courses over four (4) years.

*Please consult the University Calendar for information concerning the University's General Education requirements.

** Please see the earlier description of the acceptance requirements into the Honours Stream in the Bachelor of Arts – Criminal Justice.

The twenty (20) required core courses in the Bachelor of Arts – Criminal Justice degree (Honours Stream) consists of the same courses as those previously listed for the Practicum Stream with the following exceptions:

In place of CRJS 5025 – Capstone Practicum, students in the Honours Stream must complete:

CRJS 5001 – Honours Seminar

CRJS 5010 – Honours Research Project – Part A

CRJS 5020 – Honours Research Project – Part B

All students in the Honours Stream in the Bachelor of Arts – Criminal Justice must complete two (2) of the criminal justice option courses listed previously under the Practicum Stream.

GRADUATION REQUIREMENTS

To be eligible for graduation, students must satisfactorily complete all degree program requirements and coursework. Students must achieve a minimum overall GPA of 2.00 to be eligible for graduation.

Students must follow the graduation application procedure outlined in the current Mount Royal Calendar. Applications must be submitted by the date published in the Calendar.

Note: For course descriptions refer to:

Bachelor of Arts – Criminal Justice

mtroyal.ca/healthcomm/criminal/curriculum.shtml



BACHELOR OF MIDWIFERY



GENERAL INFORMATION

The Bachelor of Midwifery is a four (4) year baccalaureate degree program that prepares its graduates to provide comprehensive, evidence-based midwifery care to essentially healthy women throughout pregnancy, childbirth and postpartum care to six weeks. Midwifery care is premised on a partnership model in which women fully participate in decision making. Midwives address the physical, socio-cultural and emotional needs of clients, provide supportive teaching and counselling, function in the community and in hospitals and collaborate with other health professions as needed. Program graduates will be prepared to meet established standards for registration and function safely within the Canadian Competencies for Midwives including their own responsibility within the context of the Alberta and Canadian health care systems.

The program is offered over four (4) Fall and Winter academic years with required Spring Semesters. Students completing all degree requirements will be awarded a Bachelor of Midwifery (BMid) degree from Mount Royal University.

Policies Relative to Midwifery Practice Experience

Students must demonstrate satisfactory clinical performance as delineated in each course syllabus.

Students entering field/practicum placements will be required to sign a Confidentiality Agreement requiring them to maintain strict confidentiality regarding any client information or data.

Students will be familiarized with the Standards of Conduct set out by the Midwifery Health Disciplines Committee under the Alberta Health Disciplines Act prior to clinical placements.

Students must achieve an Experiential Pass (EP) in all clinical placement courses. An Experiential Pass will be equivalent to achievement at the 73% level. The requirements to be met for a grade of EP will be delineated in each course syllabus.

Clinical placements will include scheduled and on-call hours that will include days, nights and weekends. Placements from across the province and potentially from outside the province will be utilized for student experience and many sites may be distant from Calgary. Students will require access to a vehicle and to technologies that allow frequent and regular communication with the Midwifery Program. All travel and accommodation costs associated with practice experiences are the responsibility of the student.

The Midwifery Program reserves the right, at any point, to remove a student from a clinical placement or laboratory setting if the student exhibits unsafe clinical practice or behaviour that places clients or others at risk and/or violates the Standards of Conduct of the Health Disciplines Act. Such removal will result in the student receiving an F grade and may result in dismissal from the Program.

Academic Performance Requirements

In matters of program progression and continuance, there are instances when institutional processes do not fully address concerns related to student progress or continuance in a program. This applies in the following circumstances:

a) Violations of a professional code of ethics as stated in the MRU Student Code of Conduct (section 8.d), as well as, violations of professional standards and accountability such as the Midwifery Code of Ethics that are not covered by the Code will result in a student being required to withdraw from the program. A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.

b) Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes but is not limited to the following examples of unsuccessful registration:

- Students who do not achieve the minimum required grade (as defined by program) in one or both registrations
- Students who earn a grade of "F" in one or both registrations; and
- Students who withdraw from the course with a "W" in one or both registrations.

c) Students who cannot be successful in a practice setting due to their academic performance, professional practice requirement deficiencies, or when the student's physical and/or psychological health may be detrimental to the client or community being served, will be unable to meet course requirements. If the student is unable to meet the program requirements because practice requirements cannot be achieved, they will be required to withdraw from the program.

In order to be considered a continuing student of record in the Bachelor of Midwifery Program, the student must achieve a minimum overall C+ average with no course grade below a C- in all required core courses exclusive of GNED courses. An "EP" (Experiential Pass) grade is required for all MDWF clinical courses. To be eligible for graduation, the student must achieve a minimum cumulative Grade Point Average of 2.3.

A grade below a C- in a required core course or an EF (Experiential Failure) in a MDWF clinical course must be cleared by repeating the course before a student may progress to any further courses. Students whose overall average falls below C+ must complete additional courses to achieve the minimum average.

Students are permitted one re-registration in the same required midwifery course (a course with the prefix MDWF, HLTH, INTS). That is, students are not allowed more than two (2) grades below the minimum pass or two (2) withdrawals in the same midwifery course, nor are they permitted one (1) withdrawal and one (1) grade below the minimum pass within the same midwifery course. Students who are unsuccessful after two registrations in the same midwifery course will be required to withdraw from the program and will not be eligible for re-admission.

Regulations

Students are responsible for familiarizing themselves with the policies and procedures of Mount Royal University as outlined in the Calendar and the Code of Student Conduct.

Duration of the Program

Program requirements for degree completion can be completed in four (4) academic years. Students have eight (8) calendar years from the date of initial registration in the Bachelor of Midwifery Degree to complete all requirements. Students seeking an extension beyond eight (8) years may be required to complete additional course work.

Interruption of Program

Students who interrupt their program are advised that they will be required to comply with regulatory guidelines that may have come into effect, in the interim, in regard to their program and requirements. Students will be required to re-apply for admission and notify the Department of Advanced Specialty Health Studies at Mount Royal University in writing by March 15 of their intention to return for the following Fall Semester or by October 1 for the following Winter Semester.

Opportunities for Further Study

The Bachelor of Midwifery degree credential does not guarantee either eligibility for, or admission into, graduate and professional programs. Graduates must meet the individual universities' admission requirements in a competitive process. Students considering graduate school or professional school are encouraged to investigate their postgraduate educational plans with an academic advisor at the institution in which they are seeking to enrol.

Students With Disabilities

When warranted, and without compromising academic and professional midwifery practice standards, Mount Royal University will provide reasonable accommodation for the students with documented disabilities. Students need to fulfill program requirements to be eligible for graduation.

Canadian Midwifery Registration Examination

Students will be eligible to write the Midwifery Examination upon satisfactory completion of all degree program requirements. Students are responsible for all costs related to the examination.

Cardiopulmonary Resuscitation (C.P.R.) Certification

Students must provide annual proof of current C.P.R. Certification for Healthcare Providers. Evidence of certification is to be provided to the Department of Advanced Specialty Health Studies office, by August 15 each year. All associated costs are the responsibility of the student. Failure to maintain current CPR certification will result in immediate withdrawal from the clinical practice area.

Criminal Record Checks

For those students doing clinical in either Calgary or Edmonton, the Health Region requires a current criminal record check (dated no earlier than six months prior to the start of the clinical practicum) for all students completing a practicum in their agencies. It is the Health Region's prerogative to accept or reject a student for clinical placement based on the results of the criminal record check.

Immunization

Proof of up-to-date immunization status is required for all professional practice courses and is the responsibility of the student. All associated costs are the responsibility of the student. Failure to maintain a current immunization status will result in immediate withdrawal from the clinical practice area.

Grading Scheme

Mount Royal University Grading System *

Description	Alpha Grade	Percentages	4.0 Scale
Excellent Superior performance, showing comprehensive understanding of subject matter.	A+	95-100	4.0
	A	85-94	4.0
	A-	80-84	3.7
Good Clearly above average performance with knowledge of subject matter generally complete.	B+	77-79	3.3
	B	73-76	3.0
	B-	70-72	2.7
Satisfactory Basic understanding of subject matter.	C+	67-69	2.3
	C	63-66	2.0
	C-	60-62	1.7
Marginal Performance Generally insufficient preparation for subsequent courses.	D+	55-59	1.3
	D	50-54	1.0
Fail a) who do not meet the academic requirements of the course, or b) who cease to continue in the course, but do not withdraw as per Mount Royal University policy.	F	0-49	0

* The practice (clinical) experience is graded "Pass/Fail" (EP/EF). A student is evaluated according to criteria based on the program and course intents. All criteria must be met at a satisfactory level in order to receive a pass in the clinical experience.

GENERAL ADMISSION REQUIREMENTS

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

ACADEMIC COURSE REQUIREMENTS - BACHELOR OF MIDWIFERY

Admission is competitive and preference is given to applicants who have the highest average based on the conditional admission criteria for each admission category. In addition to meeting the general admission requirements, the following specific courses (or equivalents) with the specified minimum grades are required for admission into the Bachelor of Midwifery program:

- English Language Arts 30-1 – 60%
- Biology 30
- Chemistry 30
- Mathematics 30-1 or 30-2

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

Selected applicants will be invited for an interview that will assess the qualities deemed important in a prospective health professional such as communication and critical thinking skills.

Transfer Credit Assessment

Transfer credits towards Mount Royal Midwifery (MDWF) courses will be limited to courses that have been successfully completed within seven (7) years from the date of initial registration in the student's original midwifery program. All Midwifery Core courses will not be eligible for transfer credit if taken more than 7 years ago. BIOL 1220 and BIOL 1221 will not be eligible for transfer credit if taken more than 7 years ago.

Minimum Overall Average Required for Admission

To be eligible for admission on the basis of High School or Mature, applicants must present a minimum admission average of 70% on their five required and appropriate grade 12 subjects for high school standing and four required subjects for mature standing. To be eligible for admission on the basis of Post-secondary standing, applicants must present a minimum Grade Point Average (GPA) of 2.50 on the 8 most recently completed post-secondary courses (minimum 24 credits).

Application Deadline: February 1

The application for admission and all supporting documents (required for admission assessment) must be received by this date.

Aboriginal Student Admission

Each year 10% of the seats in the Bachelor of Midwifery program will be reserved for Aboriginal applicants through an Aboriginal admission target.

To be considered for admission under the Aboriginal admission target, the applicant must:

- a. self-identify as an Aboriginal applicant on the Application for Admission
- b. meet the definition of an Aboriginal Applicant
- c. meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission December 1 – March 1. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

See general admission requirements in the Admissions section of this calendar for further information

CURRICULUM

Bachelor of Midwifery

All BMid students must complete the following courses:

BIOL 1220 – Anatomy and Physiology I

BIOL 1221 – Anatomy and Physiology II

GNED 1101 – Scientific and Mathematical Literacy for the Modern World

or GNED 1102 – Controversies in Science

GNED 1201 – Aesthetic Experience and Ideas

or GNED 1202 – Text and Ideas

or GNED 1203 – Cultured Perspectives on Science

GNED 1301 – Globalization

or GNED 1304 – Communities and Societies

GNED 1401 – Critical Writing and Reading

or GNED 1402 – Writing for Professions

or GNED 1403 – Writing in a Digital Context: Language, Media, Culture

HLTH 2250 – Research for Practice in Health and Community Studies

INTS 1240 – Fundamentals of Interpersonal Communication

MDWF 1001 – Survey of Midwifery - Past and Present

MDWF 1003 – Lab Sciences for Midwifery

MDWF 2001 – Developing Midwifery Skills

MDWF 2003 – Reproductive Physiology

MDWF 2005 – Pharmacotherapeutics

MDWF 2100 – Midwifery Care: Normal Childbearing and Healthy Newborns
- Clinical Practice

MDWF 2101 – Midwifery Care: Normal Childbearing and Healthy Newborns
- Tutorial

MDWF 2150 – Trans-cultural Clinical Placement

MDWF 3001 – Pathophysiology

*MDWF 3100 – Interprofessional Hospital and Community Health Placements
- Clinical*

*MDWF 3101 – Interprofessional Hospital and Community Health Placements
- Tutorial*

MDWF 3150 – Midwifery Care: Complications and Consultations - Clinical

MDWF 3151 – Midwifery Care: Complications and Consultations - Tutorial

MDWF 3175 – Midwifery Care: Maternal and Newborn Pathology - Clinical

MDWF 3176 – Midwifery Care: Maternal and Newborn Pathology – Tutorial

MDWF 4100 – Midwifery Clerkship I – Clinical Practice

MDWF 4101 – Midwifery Clerkship I - Tutorial

MDWF 4150 – Midwifery Clerkship II - Clinical Practice

MDWF 4151 – Midwifery Clerkship II - Tutorial

MDWF 4175 – Professional Practice Management

WMST 2221 – Women and Health

Plus one course each from GNED from Cluster 1, Tier 2 or 3; Cluster 2, Tier 2 or 3; and Cluster 3, Tier 2 or 3 (mtroyal.ca/gened/courses)

Note: Courses in italics are under development. Courses are not necessarily offered in the sequence shown.

Students are responsible to ensure that all pre-requisite and co-requisite requirements are met prior to registering in a course.

General Education

Mount Royal's Bachelor of Midwifery program requires specific general education courses to meet graduation requirements. These are specified in the program curriculum. For incoming students in the Bachelor of Midwifery program, it is important to seek clarification of these requirements and up-to-date registration information through an Academic Advisor in the Department of Advanced Specialty Health Studies.

Students are permitted one re-registration in each of BIOL 1220 and 1221. That is, students are not allowed more than two (2) grades below the minimum pass in the same biology course.

Students who are unsuccessful after two registrations in the same biology course will be required to withdraw from the program and will not be eligible for re-admission.

GRADUATION REQUIREMENTS

To be eligible for graduation, students must satisfactorily complete all degree program requirements. Students must maintain an overall minimum GPA of 2.30 to be eligible for graduation. Students completing degree requirements will be awarded a Bachelor of Midwifery degree from Mount Royal. Students applying to graduate must do so by the date published in the Mount Royal University Calendar.

BACHELOR OF NURSING



GENERAL INFORMATION

The Bachelor of Nursing Program is a four (4) year degree program. This degree program prepares students for professional careers as Registered Nurses in a variety of settings. Students will benefit from the program's learner centred approach and strong emphasis on nursing practice preparation and specialization opportunities.

The program is offered over four (4) Fall and Winter academic years with required Spring Semesters. Most courses will be offered in both the Fall and the Winter Semesters. Students completing all degree requirements will be awarded a Bachelor of Nursing (BN) degree from Mount Royal University.

Policies Relative to Nursing Practice Experience

Students must demonstrate satisfactory clinical performance as delineated in each course syllabus.

Students' nursing practice experiences may be scheduled at varied hours, including evenings, nights and weekends. Approximately half of each student's clinical placements will be in community settings -- this may require the use of a vehicle. Students may be completing practice experiences at sites distant to Calgary. All travel and accommodation costs associated with practice experiences are the responsibility of the student. Students will require a standard uniform for most practice experiences and should refer to the MRBN Student Handbook for the uniform policy.

Participation in practice, tutorial and laboratory sessions is mandatory. A student who is unable to attend practice experiences due to exceptional circumstances, and therefore is unable to meet course objectives may apply to the Chair for a deferral of course work. Students are cautioned that even if a deferral is granted, required practice and/or tutorial experiences may not be immediately available and student progress through the program may be delayed.

A student may be prohibited from attending or completing a practice experience if there is evidence to suggest that the student's physical and/or psychological health may be detrimental to patients or patient care.

Academic Performance Requirements

In matters of progression and continuance, there are instances when institutional processes do not fully address concerns related to student continuance in a program.

This applies in the following circumstances:

a) Violations of a professional code of ethics and/or standards of practice (i.e. NEPAB, CARNA, CNA nursing professional practice documentation). A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.

b) Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes, but is not limited to, the following examples of unsuccessful registration:

- Students who do not achieve the minimum required grade (as defined by program) in one or both registrations;
- Students who earn a grade of "F" in one or both registrations; and
- Students who withdraw from the course with a "W" in one or both registrations.

c) Students who are denied a practicum placement by an external stakeholder because of an assessed detrimental impact on the client, client group, or community being served. Students who are unable to meet clinical or field course requirements on this basis will be required to withdraw from the program.

In order to be considered a continuing student of record in the Bachelor of Nursing program, the student must achieve a minimum 'C' grade or "EP" (Experiential Pass) grade in all nursing (NURS) courses. The required Health Studies Courses (HLTH) are also considered nursing courses. Students are required to achieve a passing grade, as determined by each discipline, in all non-nursing courses. To be eligible for graduation, the student must achieve a minimum cumulative Grade Point Average of 2.00.

Grades below a 'C' in a nursing course or an unsatisfactory ("EF": Experiential Fail) in a nursing clinical practice course must be cleared by repeating the course before students may progress to any further nursing courses.

Students with two failures in the same nursing course will be required to withdraw from the program and will not be eligible for re-admission to the program.

Students are permitted one re-registration in the same required nursing program course (a course with the prefix NURS, BIOL, INTS or HLTH). That is, students are not allowed more than two (2) grades below the minimum pass or two (2) withdrawals in the same nursing program course, nor are they permitted one (1) withdrawal and one (1) grade below the minimum pass within the same nursing program course. Students who are unsuccessful after two registrations in the same nursing program course will be required to withdraw from the program and will not be eligible for re-admission.

Regulations

Students are responsible for familiarizing themselves with the policies and procedures of Mount Royal University as outlined in the Calendar, Code of Student Conduct and the Student Handbook: Undergraduate Nursing Program. Refer to the *Student Handbook* for details.

Duration of the Program

Program requirements for degree completion can be completed in four (4) academic years. Students have seven (7) calendar years from the date of initial registration in the Bachelor of Nursing Degree to complete all requirements. Students seeking an extension beyond seven (7) years may be required to complete additional course work.

Interruption of Program

Students who interrupt their program are advised that they will be required to comply with any regulations that may have come into effect in regard to their program and requirements. Students will be required to re-apply for admission and notify the Department of Nursing at Mount Royal University in writing by March 15 of their intention to return for the following Fall Semester or by October 1 for the following Winter Semester.

Students With Disabilities

When warranted, and without compromising academic and professional nursing practice standards, Mount Royal University will provide reasonable accommodation for the students with documented disabilities. Students need to fulfill program requirements to be eligible for graduation.

Canadian Registered Nurse (RN) Examination

Students will be eligible to write the Canadian Registered Nurse Examination upon satisfactory completion of all degree program requirements. Students are responsible for all costs related to the examination.

Cardiopulmonary Resuscitation (C.P.R.) Certification

Students must provide annual proof of current C.P.R. Certification for Healthcare Providers. Evidence of certification is to be provided to the School of Nursing office, by August 1 each year. All associated costs are the responsibility of the student.

Failure to maintain current CPR certification will result in immediate withdrawal from the clinical practice area.

Police Information Check

Provincial legislation requires that new employees and volunteers in publicly-funded agencies including; hospitals, seniors' lodges, group homes and nursing homes are subject to a police information check (i.e., Police Information check). In some cases, agencies may require students to provide proof of a police information check prior to commencing a clinical course. Thus, students may be required to obtain more than one police information check during their program of studies. All costs related to the police information check are the responsibility of the student. If a student is denied a clinical placement, then the student will be unable to meet course requirements and will be required to withdraw from the program. Refer to the statement regarding *Police Information and Other Background Checks* in this calendar.

Immunization

Proof of up-to-date immunization status is required for all professional practice courses and is the responsibility of the student. All associated costs are the responsibility of the student. Failure to maintain a current immunization status will result in immediate withdrawal from the clinical practice area.

Mask Fit Testing

As a prerequisite for acute care clinical practice all students must be fitted for N95 masks in accordance with Alberta Health Services policy. Mask fit testing is valid for two years or less if you have weight gain or loss greater than 4.5 kilograms, or following nasal fracture or facial scarring. Evidence of mask fit testing is to be provided to the Department of Nursing office and students must have their mask size with them for practice experiences. All costs associated with this service are the responsibility of the student.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF NURSING

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Nursing program:

- English Language Arts 30 – 1 – 60%
- Mathematics 30 – 1 or 30 – 2
- Biology 30

One of the following courses:

Chemistry 30, Physics 30 or Science 30

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University.

Applicants who do not meet these minimum grade requirements will be denied admission.

Transfer Credit Assessment

Transfer credit towards Mount Royal University nursing (NURS) courses will be limited to courses that have been successfully completed within seven (7) years from the date of initial registration in the student's original nursing program.

Minimum Overall Average Required for Admission

To be eligible for admission on the basis of High School Standing, applicants must present a minimum admission average of 65% on their five appropriate grade 12 subjects.

To be eligible for admission on the basis of Post-secondary Standing, applicants must present a minimum Grade Point Average (GPA) of 2.00 on the 8 most recently completed post-secondary courses (minimum 24 credit hours).

Application Deadline: February 1

The application for admission and all supporting documents (required for admission assessment) must be received by this date.

Aboriginal Student Admission

Each year up to 4% of the seats in the Bachelor of Nursing program will be reserved for Aboriginal applicants through an Aboriginal admission target.

- self-identify as an Aboriginal applicant on the Application for Admission
- meet the definition of an Aboriginal Applicant
- meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission period. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

CURRICULUM

Bachelor of Nursing

All MRBN students must complete the following thirty-one (31) required courses as part of their program requirements:

- BIOL 1220 – Anatomy and Physiology I
- BIOL 1221 – Anatomy and Physiology II
- HLTH 2250 – Research for Practice in Health and Community Studies
- INTS 1240 – Fundamentals of Interpersonal Communication
- MATH 2333 – Statistics for Life Sciences
- NURS 1111 – Theoretical Foundations of Nursing I
- NURS 1112 – Health Promotion with Individuals I
- NURS 1213 – Health Promotion with Individuals II
- NURS 1214 – Professional Practice I
- NURS 2111 – Theoretical Foundations of Nursing I
- NURS 2112 – Alterations in Health: Nursing Knowledge and Therapeutics I
- NURS 2113 – Alterations in Health: Nursing Knowledge and Therapeutics II
- NURS 2114 – Professional Practice II
- NURS 2215 – Health Promotion with Populations, Communities, Families
- NURS 2216 – Professional Practice III
- NURS 3102 – Adult Health
- NURS 3104 – Professional Practice in Adult Health
- NURS 3112 – Family Newborn Health
- NURS 3114 – Professional Practice in Family Newborn Health
- NURS 3122 – Child Health
- NURS 3124 – Professional Practice in Child Health

NURS 3132 – Mental Health

NURS 3134 – Professional Practice in Mental Health

NURS 3142 – Seniors' Health

NURS 3144 – Professional Practice in Seniors' Health

NURS 4111 – Leadership/Trends and Issues

NURS 4112 – Integrated Professional Practice

NURS 4XXX – Senior Nursing Option

NURS 5114 – Transition to Independent Practice

PHED 2007 – Nutrition

PSYC 2235 – Life Span Development

All MRBN students will also be required to complete one course for each of the four foundation level General Education clusters.

NOTE: Courses are not necessarily offered in the sequence shown. Students are responsible to ensure that all prerequisite and co-requisite requirements are met prior to registering in a course. Courses may be offered in Spring or Summer semesters to accommodate clinical placement availability.

Program of Study

To fulfill Mount Royal University's residency requirements for degree completion, students must complete the 3000 and 4000 level nursing courses, with the exception of the 4000 level senior nursing option, through Mount Royal University. Students are responsible for ensuring they have met the residency requirements.

To fulfill the course requirements for the senior-level Nursing Option (NURS 4XXX) students may choose to register in a course offered through the Department of Nursing or the post-basic certificate programs offered through the Department of Advanced Specialty Health Studies at Mount Royal University. Students will need to consult an Academic Advisor prior to registering in a course.

General Education

Mount Royal's Bachelor of Nursing program requires specific general education courses to meet graduation requirements. These are specified in the program curriculum. For incoming students in the Bachelor of Nursing program, it is important to seek clarification of these requirements and up-to-date registration information through the Academic Advisors.

GRADUATION REQUIREMENTS

To be eligible for graduation, students must satisfactorily complete all degree program requirements. Students must maintain an overall a minimum GPA of 2.00 to be eligible for graduation.

Students completing degree requirements will be awarded a Bachelor of Nursing degree from Mount Royal University.

Students applying to graduate must do so by the date published in the Mount Royal University Calendar.

BACHELOR OF APPLIED BUSINESS AND ENTREPRENEURSHIP

SPORT AND RECREATION



GENERAL INFORMATION

The Sport and Recreation stream of the Bachelor of Applied Business and Entrepreneurship degree is jointly offered by the Bissett School of Business and the Department of Physical Education and Recreation Studies in a collaborative manner. Core courses in the program offered by the Bissett School of Business emphasize the development of skills and attitudes necessary for success in an entrepreneurial business environment. Course offerings from the Department of Physical Education and Recreation Studies develop the Sport and Recreation competencies and the specific technical and theoretical background that will allow graduates to be successful in sport and recreation positions. The remainder of the curriculum consists of the University-wide requirements for General Education, Computers, Physical Education options and Practicum. The combination of entrepreneurial and sport and recreation courses will create a graduate ideally suited for small business and self-employment in the field of sport and recreation.

Continuance in the Program

Students accepted into the Bachelor of Applied Business and Entrepreneurship – Sport and Recreation degree program must comply with all University policies and regulations relating to applied baccalaureate degrees and continuance.

Opportunities For Further Study

Applied baccalaureate degree programs offered by Mount Royal University have been designed primarily to prepare graduates for immediate employment within, or related to, their area of study. The applied degree credential does not guarantee either eligibility for, or admission into, graduate and professional programs. Nevertheless, in response to demand by students and the community at large, Mount Royal University is actively investigating and pursuing opportunities to have these baccalaureate credentials recognized, in whole or in part, for admission to appropriate and relevant graduate and professional programs offered by universities. Specific arrangements and opportunities for graduate study will be publicized as these are formalized. Graduating applied baccalaureate degree students who are interested in further study rather than immediate employment are encouraged to discuss their post-graduate education plans with an academic advisor at the institution in which they are seeking to enrol.

Work-Related Practica

Practica are designed to provide an extension of the learning process in a relevant work environment. Delivered in two semesters, comprising 10 percent of the curriculum for applied baccalaureate degree programs, practica integrate academic learning with paid or unpaid work experience. Each practica semester has specific course objectives and outcomes. Students are responsible to complete requirements assigned by Mount Royal faculty and are obligated to fulfill commitments made to employers. Successful completion of each semester receives a total of 3 and 9 credits respectively. Given the fluctuating nature of the local labour market, opportunities for work experience can be located outside Calgary, across Canada and in international markets. Students should be prepared to relocate and to receive entry-level compensation. Practica are considered an academic component of the program. Therefore, students are advised to refer to other parts of the calendar including Evaluation of Prior Learning and Fees and Deposits.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF APPLIED BUSINESS AND ENTREPRENEURSHIP – SPORT AND RECREATION DEGREE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Applied Business and Entrepreneurship – Sport and Recreation program.

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CURRICULUM

Bachelor of Applied Business and Entrepreneurship – Sport and Recreation

Year One

ACOM 2251 – Introduction to Fund Development
 ENTR 2301 – The Entrepreneurial Experience
 MKTG 2150 – Introduction to Marketing
 PHED 1201 – Foundations of Sport and Recreation
 PHED 1203 – Organization and Administration of Sport and Recreation
 PHED 1216 – Program Planning for Physical Activity and Sport
 General Education Requirement Cluster 1, Tier 1
 General Education Requirement Cluster 4, Tier 1
 Open Elective
 Physical Education Option (1.5 cr)
 Physical Education Option (1.5 cr)
 Physical Education Option (3 cr)

Year Two

MGMT 2262 – Business Statistics I
 MGMT 3210 – Business Communication Theory & Practice
 PHED 1050 – Practicum I in Sport, Recreation, and Physical Activity
 RECR 1203 – Community Development
 RECR 1247 – Theory and Practice in Leadership
 RECR 2217 – Recreation and Sport Tourism
 General Education Requirement Cluster 2, Tier 1
 General Education Requirement Cluster 3, Tier 1
 Open Elective
 Open Elective
 Physical Education Option (3 cr)

Year Three

ACCT 2121 – Financial Accounting Concepts
 ACCT 3224 – Management Accounting I
 HRES 2170 – Introduction to Human Resources
 PHED 2261 – Facility Development and Organizing Special Events
 RECR 1207 – Commercial Recreation
 General Education Requirement Cluster 1, Tier 2
 General Education Requirement Cluster 2, Tier 2
 General Education Requirement Cluster 3, Tier 2
 General Education Requirement Cluster 4, Tier 2
 Open Elective
 Physical Education Option (3 cr)

Year Four

MGMT 3230 – Business Law
 MKTG 3258 – Evidence-Based Marketing
 PHED 3150 – Practicum II in Sport, Recreation, and Physical Activity
 PHED 4267 – Issues and Trends in Sport and Recreation
 Open Elective
 Open Elective
 Physical Education Option (1.5 cr)

* An Elective is any 3 credit course offered by Mount Royal.

According to University policy relating to applied baccalaureate degree programs, successful completion of an Entrepreneurship course is a graduation requirement for all applied baccalaureate degree programs. In the Bachelor of Applied Business and Entrepreneurship degree programs, an elective course has been substituted for this Entrepreneurship Studies graduation requirement.

General Education

For course information visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in a course.

GRADUATION REQUIREMENTS

Students enrolled in the Bachelor of Applied Business and Entrepreneurship – Sport and Recreation degree program must maintain a minimum grade of “C” (2.00 GPA) in each of the required core courses in the program and maintain a minimum cumulative Grade Point Average of 2.00. Core courses are designated with “RECR”, and “PHED.”

- Successful completion of a minimum of 123 credits (to include a minimum of 111 credits of academic course work and a minimum of 12 credits of work experience).
- Successful completion of the two (2) work related practica: PHED 1050 and 3150.

See *General Graduation Requirements* section.

BACHELOR OF APPLIED CHILD STUDIES



GENERAL INFORMATION

With increasing evidence regarding the importance of supporting children's development during the early years, there is a need for professionally educated and skilled staff to provide ongoing treatment, support and services to children, youth and families.

The Bachelor of Applied Child Studies combines six (6) semesters of academic study with two (2) terms of Directed Field Studies. This unique interdisciplinary program draws on the disciplines of Early Learning and Child Care, Child and Youth Care, Disability Studies and Social Work to prepare students to work with diverse groups of children, provide support to parents in child rearing and contribute to community services development. Graduates of the Bachelor of Applied Child Studies degree will be prepared to develop, implement and co-ordinate new and flexible child and youth centered services to meet the unique needs of each community. They will be able to apply their knowledge of child, family and community development to design and implement a variety of assessment strategies, as well as plan, develop and implement a wide range of preventive and intervention programs for children and families and to evaluate programs. Graduates will be able to communicate effectively with children, youth and adults, understand the ethical foundations of human service professionals and apply knowledge of leadership and management in professional roles in the community. In addition, graduates will learn research skills, effective teamwork, critical thinking and information access and retrieval skills.

Opportunities For Further Study

Applied baccalaureate degree programs offered by Mount Royal University have been designed primarily to prepare graduates for immediate employment within, or related to, their area of study. The applied degree credential does not guarantee either eligibility for, or admission into, graduate and professional programs. Nevertheless, in response to demand by students and the community at large, the University is actively investigating and pursuing opportunities to have these baccalaureate credentials recognized, in whole or in part, for admission to appropriate and relevant graduate and professional programs offered by universities. Specific arrangements and opportunities for graduate study will be publicized as these are formalized. Graduating applied baccalaureate degree students who are interested in further study rather than immediate employment are encouraged to discuss their post-graduate education plans with an academic advisor at the institution in which they are seeking to enrol.

Directed Field Studies

Directed Field Studies are designed to provide an extension of the learning process in a relevant work environment. Delivered in two semesters, comprising 25 per cent of the curriculum for applied baccalaureate degree programs, Directed Field Studies integrate academic learning with paid work experience. Each Directed Field Study is 15 credits and has specific course objectives and outcomes. Students will participate in DFS on the basis of academic performance, completion of prerequisites, professional suitability and availability of sites. Students are responsible to complete requirements assigned by Mount Royal University faculty and are obligated to fulfil commitments made to employers.

Note: Students may be required to present a current Police Information Check and Intervention Record Check prior to observation placements and Directed Field Studies. All costs related to these requirements will be the responsibility of the student.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF APPLIED CHILD STUDIES DEGREE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Applied Child Studies program:

- English Language Arts 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CURRICULUM

Bachelor of Applied Child Studies

The interdisciplinary educational program in the Bachelor of Applied Child Studies combines theoretical knowledge with practical skills to prepare students to take leadership roles in the provision of services for children and families in community settings.

CHST 1101 – Professional Preparation
 CHST 2010 – Directed Field Studies I
 CHST 2203 – Child and Youth Human Rights
 CHST 2211 – Disabling Conditions
 CHST 2241 – Observing Children
 CHST 2281 – Introduction to Child Focused Services
 CHST 2283 – Supporting Children Through Play
 CHST 3010 – Directed Field Studies II
 CHST 3301 – Policies and Issues
 CHST 3303 – Working with Families
 CHST 3305 – Diversity Issues
 CHST 3307 – Community Development
 CHST 3309 – Interviewing Skills
 CHST 3311 – Program Planning and Evaluation
 CHST 3381 – Children and Youth at Risk
 CHST 4401 – Working with Groups
 CHST 4403 – Community Based Research
 CHST 4405 – Ethics and Ethical Issues
 CHST 4407 – Leadership in Human Services
 CHST 4441 – Observing Specialized Services for Children and Youth
 CHST 4481 – Children's Mental Health Interventions

Support Courses

Elective 1
 Elective 2
 INTS 1240 – Fundamentals of Interpersonal Communication
 PSYC 3351 – Topics in Child Development
 General Education Requirements

Sequence of Directed Field Studies

Directed Field Studies typically occur during the fifth and eighth semesters.

GRADUATION REQUIREMENTS

- Successful completion of a minimum of 123 credits, of which 30 credits will be for Directed Field Studies.
- Successful completion of two (2) terms of Directed Field Studies.

Compliant with *General Graduation Requirements* section.

For *Restrictions and Interpretations* concerning the program requirements for Electives and General Education courses, refer to the section entitled *General Graduation Requirements*.



BACHELOR OF APPLIED ECOTOURISM AND OUTDOOR LEADERSHIP



GENERAL INFORMATION

Mount Royal University offers a unique Bachelor of Applied Ecotourism and Outdoor Leadership degree program that recognizes the demand for participation in tourism and outdoor activities. The degree provides a solid interdisciplinary base in tourism and business, sociocultural heritage, outdoor pursuits, environmental science and leadership and communication.

The Bachelor of Applied Ecotourism and Outdoor Leadership degree program is an intensive program which combines ten semesters of academic study. The specialized courses and practical opportunities provide graduates with knowledge, skills and experience to provide and administer ecotourism and outdoor activities within natural, cultural and historical environments.

Exposure to practical problems and opportunities are provided through the application of experiential learning activities including field trips, expeditions, research projects, research activities, visitations, leadership opportunities, independent learning, technology enhanced learning and professional certification.

Continuance in the Program

Students accepted into the Bachelor of Applied Ecotourism and Outdoor Leadership degree program must comply with all University policies and regulations relating to applied baccalaureate degrees and continuance.

Opportunities For Further Study

Applied baccalaureate degree programs offered by Mount Royal University have been designed primarily to prepare graduates for immediate employment within, or related to, their area of study. The applied degree credential does not guarantee either eligibility for, or admission into, graduate and professional programs. Nevertheless, in response to demand by students and the community at large, Mount Royal University is actively investigating and pursuing opportunities to have these baccalaureate credentials recognized, in whole or in part, for admission to appropriate and relevant graduate and professional programs offered by universities. Specific arrangements and opportunities for graduate study will be publicized as these are formalized. Graduating applied baccalaureate degree students who are interested in further study rather than immediate employment are encouraged to discuss their post-graduate education plans with an academic advisor at the institution in which they are seeking to enrol.

Work-Related Practica

Practica are designed to provide an extension of the learning process in a relevant work environment. Delivered in two semesters, comprising 10 percent of the curriculum for applied baccalaureate degree programs, practica integrate academic learning with paid or unpaid work experience. Each practica semester has specific course objectives and outcomes. Students are responsible to complete requirements assigned by Mount Royal faculty and are obligated to fulfill commitments made to employers. Successful completion of each semester receives a total of 3 and 9 credits respectively. Given the fluctuating nature of the local labour market, opportunities for work experience can be located outside Calgary, across Canada and in international markets. Students should be prepared to relocate and to receive entry-level compensation.

Practica are considered an academic component of the program. Therefore, students are advised to refer to other parts of the calendar including *Evaluation of Prior Learning and Fees and Deposits*.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF APPLIED ECOTOURISM AND OUTDOOR LEADERSHIP DEGREE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Applied Ecotourism and Outdoor Leadership program:

- English Language Arts 30-1 – 60%
- Biology 30

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by Mount Royal University. Applicants who do not meet these minimum grade requirements will be denied admission.

Note: The Bachelor of Applied Ecotourism and Outdoor Leadership degree program will require students to participate in strenuous, multi-day outdoor activities. Applicants should be healthy, physically active and willing to cope with harsh all-season conditions and challenging terrain.

CURRICULUM

Bachelor of Applied Ecotourism and Outdoor Leadership

Year One

COMP 1209 – Introduction to Computing for Applied Degrees
 ECOL 1210 – Ecology
 ETOL 2201 – Foundations of Outdoor Leadership
 ETOL 2203 – Sustainable Tourism
 ETOL 3303* – Expedition I
 GEOG 1101 – The Physical Environment
 PHED 1005 – Leadership & Communication in Physical Education
 PHED 2402 – Introduction to Backpacking
 PHED 2404 – Introductory Rock Climbing
 PHED 2410 – Wilderness Survival Techniques
 PHED 2414 – Introductory Canoeing
 PHED 2416 – Introduction to Kayaking
 General Education Requirement Cluster 4, Tier 1

Year Two

ETOL 2011 – Practicum I
 ETOL 2401 – Ecotourism Facilitation Skills
 ETOL 3305 – Program Planning
 ETOL 3307 – Administration of Outdoor Centres
 NTSC 1112 – Introduction to Current Environmental Issues
 PHED 2406 – Back Country Skiing
 PHED 2408 – Mountain Bike Trekking
 PHED 2418 – Introductory Mountaineering
 RECR 1247 – Theory and Practice in Leadership

RECR 2217 – Recreation and Sport Tourism
 General Education Requirement Cluster 1, Tier 1
 General Education Requirement Cluster 2, Tier 1
 Elective 1

Year Three

ENTR 1232 – Entrepreneurship Studies
 ETOL 3011 – Practicum II
 ETOL 3309 – Individual Projects
 GEOG 2443 – Tourism and Recreation Geography
 General Education Requirement Cluster 3, Tier 1
 General Education Requirement Cluster 1, Tier 2
 General Education Requirement Cluster 2, Tier 2
 General Education Requirement Cluster 3, Tier 2
 General Education Requirement Cluster 4, Tier 2
 Elective 2
 Elective 3

Year Four

ETOL 4405 – Issues in Ecotourism
 ETOL 4409 – Applied Leadership
 ETOL 5010 – E-Portfolio
 Elective 4
 Elective 5

* Ecotourism 3303 consists of a 10 day expedition in early May or late August of semester 3. Students will be responsible for personal subsistence costs associated with Ecotourism and Outdoor Leadership 3303. For details on the date, consult an advisor in the Department of Physical Education and Recreation Studies.

General Education

For course information visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in a course.

GRADUATION REQUIREMENTS

Students enrolled in the Bachelor of Applied Ecotourism and Outdoor Leadership degree program must maintain a minimum grade of “C” (2.00 GPA) in each of the required core courses in the program and maintain a minimum cumulative Grade Point Average of 2.00. Core courses are designated with “ETOL”, “RECR”, and “PHED.”

- Successful completion of a minimum of 120 credits
- Successful completion of the two work related practica, ETOL 2011 and ETOL 3011
- A minimum overall Grade Point Average of 2.00 on all courses required for the program. This includes all core “ETOL”, “PHED” and “RECR” courses, all approved options, the General Education Requirements, English 1101 and Computer Science 1209.
- A minimum grade of “C” (2.00 GPA) in all required core “ETOL”, “PHED” and “RECR” courses in the program.

Additionally, students must complete the following graduation requirements:

- A self-directed outdoor expedition, approved by the department;
- A Wilderness and Remote Emergency Response certificate
- An advanced certificate related to the ecotourism and outdoor leadership field, approved by the department

BACHELOR OF PHYSICAL EDUCATION (UNIVERSITY TRANSFER)



BACHELOR OF PHYSICAL EDUCATION

Transfer arrangements have been established with the University of Calgary and with the University of Lethbridge for the Bachelor of Arts/Bachelor of Science/Bachelor of Education combined degrees with Physical Education/Kinesiology. Students may transfer up to 60 credits of course work into these programs at the University of Calgary or the University of Lethbridge. Because the university transfer curriculum includes a wide selection of courses, students at Mount Royal University should consult an academic advisor in the Department of Physical Education and Recreation Studies to plan their program prior to registration.

The core curriculum at Mount Royal University for students transferring to the University of Calgary includes:

- PHED 1001* (U of C Knes 261)
- PHED 1003 (U of C Knes 243)
- PHED 1007 (U of C Knes 213)
- PHED 2005 (U of C Knes 253)
- PHED 2007 (U of C Knes 237)
- PHED 2201** (U of C Knes 201)
- PHED 2203 (U of C Knes 203)
- PHED 3001 (U of C Knes 263)
- PHED 4003 (U of C Knes 245)
- BIOL 1216*** (Knes 303.60)

* PHED 1001 must be completed with a grade of at least a C- before enrolling in PHED 3001

** PHED 2201 is recommended to be completed with a grade of at least a C- before or concurrent with enrolling in PHED 3001

*** Students must complete both PHED 1001 and BIOL 1216 with a minimum grade of C- to transfer to the University of Calgary.

Note: that students can only transfer 9 core courses to the Kinesiology program at the University of Calgary. All other transferable courses must be non-core.

Mount Royal University offers core curriculum courses for students transferring to the University of Lethbridge.

Note: Students who wish to take a combined degree program in Physical Education/ Education at the University of Lethbridge must complete at least 20 courses (60 credit hours) including EDUC 1231/1233 (U of L EDUC 2500/2XXX) and at least eight (8) semester courses (24 credits) in Physical Education before being accepted into the program at the University of Lethbridge.

Students wishing to transfer to an institution within Alberta should consult a physical education academic advisor in the Department of Physical Education and Recreation Studies before registering in their courses. Entrance requirements, transfer arrangements and core course requirements vary with each institution.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF PHYSICAL EDUCATION UNIVERSITY TRANSFER PROGRAM

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria.

ACADEMIC COURSE REQUIREMENTS

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Physical Education – University Transfer program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1
- Biology 30
- Chemistry 30

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

DIPLOMA – CHILD AND YOUTH CARE COUNSELLOR



GENERAL INFORMATION

The Child and Youth Care Counsellor Diploma is a comprehensive two-year program that prepares graduates to work with vulnerable children, youth and families. The children and youth may have suffered physical, sexual or emotional abuse; neglect, failure, family breakdown, and may have behavioural or learning difficulties. The scope of future employment opportunities includes: group homes; institutional settings; youth justice programs; school settings; outreach/street programs; mental health centres; family and community based programs; therapeutic foster care; and day treatment programs.

To become a Child and Youth Care Counsellor you need to be strong physically, emotionally and morally. You require self-awareness and an interest in learning about the treatment of a variety of issues dealing with vulnerable children, youth and families.

The two-year CYCC diploma articulates to various university and college child and youth care programs across Canada. In addition, many of the credits from the diploma articulate to the Bachelor of Applied Child Studies program at Mount Royal University. Consult an academic advisor for details.

Fieldwork and Practicum Placements

The program has a major fieldwork and practicum component. During the first year students will observe different agencies while gaining information about many others. This experience assists in determining a successful placement in the second year. As part of an integration of practice and theory, students are in a practicum placement two days (15-hours) per week for the entire second year of the program, provided all prerequisite requirements have been met. Students apply for practicum placements through an interview process and must show a high level of commitment and professional suitability. All students will be selected for practicum on the basis of academic performance, professional suitability and availability of practicum sites. Prior to observation courses, fieldwork or practicum, students will be required, at their own expense, to obtain a Police Information Check and an Intervention Record Check. It is each agency's decision to accept or reject a student for placement or observation experience based upon the results of a Police Information Check and Intervention Record Check or other background check. Since both completion of course requirements and eventual employment in a field of study may be dependent upon the results of such checks, students who have concerns should discuss the matter with the department chair or designate prior to applying for admission. All students will be required to have a current CPR and First Aid Certificate prior to entry into the second year practicum placement.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – CHILD AND YOUTH CARE COUNSELLOR DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Child and Youth Care Counsellor Diploma program:

- English Language Arts 30-1 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Additional Criteria

In addition to meeting all academic admission requirements, applicants must meet the following criteria:

- Applicants must be 19-years-of-age or older by September 1 for the Fall Semester to which they are applying

CURRICULUM

Diploma – Child and Youth Care Counsellor

Year One

CYCC 1110 – Fundamental Skills in Interviewing

CYCC 1130 – Mental Health and Substance Abuse Issues

CYCC 1132 – The Profession of Child and Youth Care

CYCC 1142 – Fieldwork

CYCC 1221 – Fundamental Skills in Counselling

CYCC 1232 – Working with Vulnerable Children, Youth and Families

PSYC 2235 – Life Span Development

General Education Requirement (recommended Cluster 2 - PSYC 1105, prerequisite for PSYC 2235)

General Education Requirement

General Education Requirement

General Education Requirement

Year Two

CYCC 2210 – Policies, Systems and Issues Regarding Children and Youth

CYCC 2216 – Group Process and Counselling Theory

CYCC 2226 – Assessment and Intervention

CYCC 2235 – Youth Care Practice with Families

CYCC 2241 – Practicum

CYCC 2242 – Practicum

PSYC 3351 – Topics in Child Development

or PSYC 3355 – Topics in Adolescence

General Education Requirement Cluster 4, Foundation



DIPLOMA – DISABILITY STUDIES



GENERAL INFORMATION

The Disability Studies diploma program will provide students with advanced skills and knowledge required to create an environment of emotional and social support for children and adults with disabilities in the community. As a part of a team of professionals, graduates design and implement intervention/teaching plans in residential, social, employment and recreation settings.

The first year of the program will provide students with the development of a basic conceptual understanding of the field of disability studies and the development of necessary practical skills. The second year of the program allows students to focus on areas of personal interest through assignments and practicum placements. Students are provided extensive practicum opportunities throughout the diploma program. Students will develop a strong understanding of educational psychology, relevant social policy and health and wellness issues and methods. They will also acquire a wide range of helping and support skills that enhance quality services for persons with disabilities.

Diploma Program

All students entering the diploma program will be required to complete the core courses and the General Education Requirements.

University Transfer

This program can also serve as the basis of admission into the third-year of the Bachelor of Community Rehabilitation program at the University of Calgary. Additional information is available from the Coordinator of the Disability Studies program at Mount Royal University. Refer to the *University of Calgary Calendar* for additional admission requirements.

Following completion of the Disability Studies diploma, students may continue to take courses at Mount Royal University to provide the equivalent of a third-year of credit toward the Bachelor of Community Rehabilitation degree at the University of Calgary. Students wishing to do so should contact their academic advisor following their acceptance into the Disability Studies program.

Provincial Guidelines

The Provincial Rehabilitation and Disability Studies college programs have agreed to broad course content areas. The agreement facilitates transfer between the first and second year for Rehabilitation and Disability Studies students among Alberta Colleges. Transfer between the first and second year for Rehabilitation and Disability Studies students among Alberta Colleges is available on a course by course basis.

Academic Performance Requirements

In matters of progression and continuance, there are instances when institutional processes do not fully address concerns related to student continuance in a program.

This applies in the following circumstances:

- Violations of a professional code of ethics and/or standards of practice (i.e. Canadian Code of Ethics for Rehabilitation Professionals). A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.
- Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes but is not limited to the following examples of unsuccessful registration:
 - Students who do not achieve the minimum required grade (as defined by program) in one or both registrations;
 - Students who earn a grade of "F" in one or both registrations; and
 - Students who withdraw from the course with a "W" in one or both registrations.
- Students who are denied a practicum placement by an external stakeholder because of an assessed detrimental impact on the client, client group, or community being served. Students who are unable to meet clinical or field course requirements on this basis will be required to withdraw from the program

Field Work and Practicum Requirements

All students will be selected for practicum on the basis of academic performance, professional suitability and availability of practicum sites. A student may be prohibited from attending or completing a practice experience if there is evidence to suggest that the student's physical and/or psychological health may be detrimental to the client care.

Note: Students will be required to present a current Criminal Record Check prior to the placement. Those students wishing to work with children and youth will be required to have an Intervention Record Check in addition to the Criminal Record Check. It is each practicum agency's decision to accept or reject a student for placement based upon the results of the criminal record and Intervention checks.

International Practicum Opportunity

Students may have an opportunity to complete a practicum in an international placement during the Spring Semester.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – DISABILITY STUDIES DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Disability Studies Diploma program:

- English Language Arts 30-1

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CURRICULUM

Diploma – Disability Studies

Year One

DAST 1102 – Disabling Conditions I
DAST 1104 – Disabling Conditions II
DAST 1111 – Social History of Disability
DAST 1124 – Field Experience
DAST 1126 – Practicum I
DAST 2223 – Positive Behavioural Supports
INTS 1240 – Fundamentals of Interpersonal Communication
PSYC 1105 – Introduction to Psychology
General Education Requirement
General Education Requirement Cluster 4, Foundation

Year Two

DAST 2205 – Disability Work Management
DAST 2206 – Organizations and Leadership
DAST 2208 – Advocacy for Canadians with a Disability
DAST 2209 – Disability Social Policy
DAST 2211 – Group Facilitation
DAST 2224 – Practicum II
DAST 2226 – Practicum III
General Education Requirement
General Education Requirement
General Education Requirement

Note: Students will be accepted into practica on the basis of academic performance, professional suitability, fitness and conduct. To be placed in Disability Studies 2224 and 2226, students must obtain a minimum Grade Point Average of 2.00 in all courses other than General Education Requirements.

General Education

For *Restrictions and Interpretations* concerning the program requirements for General Education and Elective courses, refer to the section entitled General Graduation Requirements.

DIPLOMA AND CERTIFICATE – EARLY LEARNING AND CHILD CARE



GENERAL INFORMATION

The Early Learning and Child Care (ELCC) program instructs students about child development from infancy to age twelve; providing them with the knowledge and skills to interact with young children while working in an early learning and child care setting. Courses include information about how to design, implement and evaluate developmentally appropriate play experiences and how to communicate effectively with parents and professionals about the needs of the children in their care. Completion of the Early Learning and Child Care program qualifies graduates to work in many interesting employment options such as; nursery school teachers, kindergarten aides and early childhood educators.

The Diploma includes two full years of study. Courses are offered in both face-to-face and blended formats. The Certificate program is the equivalent of a full year of course work with courses offered fully online, on a part-time basis.

Upon successful completion of one three credit course, students will be eligible to receive certification as a Child Development Assistant through Alberta Child Care Staff Certification. Upon successful completion of the certificate program, graduates will be eligible as a Child Development Worker through Alberta Day Care Staff Qualifications. Upon successful completion of the diploma program, graduates will be eligible as a Child Development Supervisor through Alberta Day Care Staff Qualifications.

Program Exit

Students who successfully complete the first two semesters of studies and have a Grade Point Average of at least 2.00 or higher, including the following courses, may apply for a Certificate in Early Learning and Child Care: ELCC 1104, 1109, 1110, 1120, 1180, 1209, 1213, 1282, HLTH 1213 and ENGL 0212 or GNED 1401 (formerly ENGL 1101) or any 1100-level (or higher) English. Upon successful completion of these courses, students will be eligible for Certification through the Alberta Day Care Staff Qualifications Board as a Child Development Worker.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – EARLY LEARNING AND CHILD CARE DIPLOMA AND CERTIFICATE PROGRAMS

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Early Learning and Child Care Diploma program:

- English Language Arts 30-1 60%

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Early Learning and Child Care Certificate program:

- English Language Arts 30-1 50% or English Language Arts 30-2 65%

Note: For entry into the ELCC Diploma, ELCC Certificate graduates must meet the ELCC Diploma Admission Requirements. This will require that students complete ELA - 1 or equivalent at 60% or higher.

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Note: Students will be required to present a current Police Information Check and Intervention Record Check, prior to the fieldwork course and practicum placement. All costs related to these requirements will be the responsibility of the student.

CURRICULUM

Diploma – Early Learning and Child Care

Year One

ELCC 1104 – Introduction to Early Learning and Child Care

ELCC 1109 – Principles of Development I

ELCC 1110 – Learning Through Play I

ELCC 1120 – Learning Through Play II

ELCC 1180 – Field Work

ELCC 1209 – Principles of Development II

ELCC 1213 – Communicating with Parents and Professionals in Early Learning and Child Care Settings

ELCC 1282 – Practicum I

HLTH 1213 – Health, Safety and Nutrition

General Education Requirement

Year Two

ELCC 2121 – Guidance and Planning

ELCC 2211 – Child, Family and Community

ELCC 2215 – Young Children with Special Needs

ELCC 2217 – Professional Practices in Early Childhood Organizations

ELCC 2220 – Issues in Early Learning and Child Care

ELCC 2285 – Practicum II

General Education Requirement

General Education Requirement

General Education Requirement

General Education Requirement Cluster 4, Foundation

Part-time (Online students only) Certificate – Early Learning and Child Care

ELCC 1104 – Introduction to Early Learning and Child Care

ELCC 1109 – Principles of Development I

ELCC 1110 – Learning Through Play I

ELCC 1120 – Learning Through Play II

ELCC 1180 – Field Work

ELCC 1209 – Principles of Development II

ELCC 1213 – Communicating with Parents and Professionals in Early Learning and Child Care Settings

ELCC 1282 – Practicum I

HLTH 1213 – Health, Safety and Nutrition

Note: Students must successfully complete English 0212 or GNED 1401 (formerly ENGL 1101) or equivalent to graduate. This applies to the ELCC certificate program only.

The online ELCC Certificate is intended for a Canadian audience and is not available to students outside of Canada.

Note: Non-Alberta residents are not covered under WCB for post secondary students.



DIPLOMA – SOCIAL WORK



GENERAL INFORMATION

Social Work is a two year program which combines knowledge and skills in social work, humanities, and behavioural sciences. The program prepares students for social work practice with individuals, families, groups and communities. Graduates are employed in a broad range of government (public), non-profit and private agencies. Social Work diploma graduates are eligible to apply to become Registered Social Workers in Alberta.

Academic Performance Requirements

In matters of progression and continuance, there are instances when institutional processes do not fully address concerns related to student continuance in a program.

This applies in the following circumstances:

- a) Violations of a professional code of ethics and/or standards of practice (i.e. Canadian Association of Social Work Code of Ethics and Guidelines for Ethical Practice, and the Alberta College of Social Work Standards of Practice). A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.
- b) Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes but is not limited to the following examples of unsuccessful registration:
 - Students who do not achieve the minimum required grade (as defined by program) in one or both registrations;
 - Students who earn a grade of "F" in one or both registrations; and
 - Students who withdraw from the course with a "W" in one or both registrations.
- c) Students who are denied a practicum placement by an external stakeholder because of an assessed detrimental impact on the client, client group, or community being served. Students who are unable to meet clinical or field course requirements on this basis will be required to withdraw from the program.

Practicum Requirements

All students will be selected for practicum on the basis of academic performance, professional suitability, volunteer community service and availability of practicum sites.

At the time of practicum, students will be required, at their own expense, to obtain a Police Information Check. It is each practicum agency's decision to accept or reject a student for placement or observation experience based upon the results of a police information or other background check. Since both completion of course requirements and eventual employment in a field of study may be dependent upon the results of such checks, students who have concerns should discuss the matter with the department chair or designate prior to applying for admission.

International Practicum

Qualified students may have an opportunity to complete a second year practicum in an International setting during the Spring session.

Note: In addition to the courses required for graduation, all students will have their progress reviewed each semester by a committee comprised of faculty members of the Department of Social Work and Disability Studies. Students found to be in academic difficulty or whose professional suitability is of concern may be referred for remedial assistance, or in extreme cases, asked to withdraw from the program. The Code of Ethics of the Alberta College of Social Workers will be used as a measure of professional behaviour and suitability.

Aboriginal Student Admission

Each year 15% of the seats in the Social Work Diploma program will be reserved for Aboriginal applicants through an Aboriginal admission target. To be considered for admission under the Aboriginal admission target, the applicant must:

- self-identify as an Aboriginal applicant on the Application for Admission
- meet the definition of an Aboriginal Applicant
- meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during Early Admission. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS — SOCIAL WORK DIPLOMA

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Social Work Diploma program:

- English Language Arts 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CURRICULUM

Diploma – Social Work Year One

SLWK 1114 – Introduction to Social Work Practice
SLWK 1187 – Social Welfare Policies and Issues
SLWK 1215 – Social Work Methods
SLWK 1216 – Counselling Skills
SLWK 1287 – Social Work Practicum I (see note below)
INTS 1240 – Fundamentals of Interpersonal Communication
PSYC 1105 – Introduction to Psychology
PSYC 2235 – Life Span Development
General Education Requirement
General Education Requirement Cluster 4, Foundation

Year Two

SLWK 2217 – Leadership in Social Work Organizations
SLWK 2218 – Social Work with Groups
SLWK 2221 – Community Organization
SLWK 2222 – Social Work with Families
SLWK 2223 – Social Work and Mental Health
SLWK 2297 – Social Work Practicum II (see note below)
Elective
General Education Requirement
General Education Requirement
General Education Requirement

Note: All students will be selected for practicum on the basis of academic performance, professional suitability and availability of practicum sites. A student may be prohibited from attending or completing a practicum if there is evidence to suggest that the student's physical and/or psychological health may be detrimental to client care.

To be placed in practica student's must have completed all coursework up to semester 2 for SLWK 1287 and semester 4 for SLWK 2297. Students must have their police information check approved by their practicum agency.

General Education

For *Restrictions and Interpretations* concerning the program requirements for General Education and Elective courses, refer to the section entitled *General Graduation Requirements*.

CERTIFICATE – ATHLETIC THERAPY



GENERAL INFORMATION

This program is designed to provide participants with advanced knowledge, experience and skills in the delivery of athletic therapy services. This program is accredited through the Canadian Athletic Therapists Association. The program includes theoretical, field and clinical practicum experiences that prepare practitioners for the certification exams (practical and written) for certification as a Certified Athletic Therapist (Canadian). Graduates will have completed a major portion of their clinical and field practicum required for certification. Additional clinical and field practicum may be obtained on an individual basis.

This program is taught at a post-degree level. The program intensity is such that expectations in the classroom and in practical settings are extremely high. The time commitments for this program include classroom activities for most days and late afternoon and/or evening practicum commitments.

ADMISSION REQUIREMENTS – ATHLETIC THERAPY – CERTIFICATE

Category 1 Applicants

Applicants for the Athletic Therapy program must possess a degree in kinesiology, physical education, human kinetics, exercise science or equivalent. Successful applicants must have completed the following courses (either as part of their degree matriculation or subsequent to the degree):

- Human Anatomy
- Human Physiology
- Exercise Physiology
- Biomechanics
- Prevention and Care of Athletic Injuries
- Strength, Conditioning and Flexibility

The following courses may not be part of the standard kinesiology, physical education, human kinetics or exercise science curriculum. Therefore, students are typically conditionally accepted (if all other requirements are met) with the condition of successful completion of the two courses below. See department for more details for each course.

- Taping and Prophylactic Support
- Emergency Medical Responder (EMR)

The following courses may not be part of the standard kinesiology, physical education, human kinetics or exercise science curriculum. Therefore, students are typically accepted into the program but unable to graduate from the certificate until they can provide proof of completion of the courses.

- Sport Psychology
- Nutrition

It is recommended that students have a course in computer usage.

For Category 1 students, preference will be given to applicants with an overall minimum Grade Point Average of 3.00 on a 4.00 point scale, including a Grade Point Average of 3.00 in Human Anatomy and in Prevention and Care of Athletic Injuries.

Additional Criteria – Category 1 Applicants

- 50 practical hours in the sport medicine field must be completed prior to entering the program (this experience must have been supervised by a Certified Athletic Therapist, a Sports Physiotherapist, a Sports Medicine Physician or a Chiropractor).
- A letter of support from the supervisor that includes a verification of the number of practical hours.
- Applicants will be required to achieve a grade of 65% on an introductory anatomy and physiology examination prior to entering the program. Once all other admission criteria have been met, the applicant will be notified regarding the procedures to complete the examination requirement.
- Applicants who meet the above criteria may be required to attend an interview and submit a resume outlining relevant volunteer and work experience. The resume may be used to assist in the selection of students after the initial criteria are met.

Category 2 Applicants

- The department has a formal agreement with the University of Calgary, the University of Regina, Trinity Western University and the University of Lethbridge for this program. Students enrolled in one of the three university partners come to Mount Royal University in the third year of their program and then return to their respective institution to complete their degree requirements. Students interested in this route should refer to each institution's academic advisor(s) and/or calendar requirements for more admission criteria information.

CURRICULUM

Advanced Certificate – Physical Education – Athletic Therapy

PHED 3301 – Musculoskeletal Assessment – Spinal

PHED 3303 – Musculoskeletal Assessment – Peripheral

PHED 3305 – Therapeutic Modalities in Athletic Therapy

PHED 3307 – Rehabilitation Techniques in Athletic Therapy

PHED 3311 – Advanced Rehabilitation Techniques in Athletic Therapy

PHED 3313 – Issues in Sports Medicine

PHED 3315 – Clinical Management and Administration in Athletic Therapy

PHED 3350 – Field Practicum I

PHED 3352 – Field Practicum II

PHED 3354 – Clinical Practicum I

PHED 3356 – Advanced Clinical and Field Practicum**

Note: Courses in Semester 2 will be delivered in a block-placement format.

** Not a requirement for the University of Calgary Category II.

This course is typically offered in the spring/summer semester over 13 weeks. There is a possibility of completing this practicum placement outside of Calgary. Students must work with the practicum coordinator to arrange for placements outside of the Calgary region.



POST-BASIC CERTIFICATES



CERTIFICATE – ADVANCED STUDIES IN CRITICAL CARE NURSING

GENERAL INFORMATION

The certificate program is designed for post-basic study for registered nurses seeking to develop knowledge, skills and expertise in the areas of critical care, emergency or neuroscience nursing. The program is designed with theoretical and clinical courses that prepare practitioners to deal effectively with critically ill, emergency and neuroscience patients in rural, regional and tertiary hospitals.

The program offers two (2) levels in each of the streams (Critical Care, Emergency, and Neuroscience Nursing). Upon completion of Level 1 courses, students receive a Certificate in Advanced Studies in Critical Care Nursing. Level II courses offer students the opportunity to pursue more focused and advanced study in any of the streams. Upon completion of Level II, students receive a Certificate of Achievement in Advanced Studies in Critical Care Nursing that reflects their particular area of focus.

Students may study part-time or full-time. Students will have two years to complete Level I and a further two years to complete Level II of the program.

Theory courses are designed for distance learning incorporating a combination of print material, teleconference, video conference, video/audio tapes, electronic mail, web support, and student/instructor telephone conferences. The Neuroscience Nursing Theory course is offered online. In addition, several courses have been designed to offer the option of Internet/web/CD-ROM delivery.

Each course will require from 10 to 12 hours per week study time. Optional on-campus seminars/tutorials are offered for some courses.

Clinical practica are arranged for each student by the program faculty in critical care, neuroscience or emergency departments and other related settings to meet the student's learning needs, skill development and competence (as assessed by program faculty). Ongoing supervision and guidance are provided jointly through a preceptorship experience in conjunction with program faculty. Clinical agencies are pre-approved to meet objectives of the Advanced Critical Care Nursing program.

Students are required to complete a police information check prior to commencing their clinical experience.

All of these courses may be reported as nursing practice hours for renewal of CARNA (College and Association of Registered Nurses of Alberta) registration. Students who meet specific criteria may receive credit by prior learning assessment for the clinical course.

Academic Performance Requirements

In matters of program progression and continuance, there are instances when institutional processes do not fully address concerns related to student progress or continuance in a program. This applies in the following circumstances:

a) Violations of a professional code of ethics as stated in the MRU Student Code of Conduct (section 8.d), as well as, violations of professional standards and accountability such as the Canadian Nurses Association Code of Ethics or the CARNA Nursing Practice Standards that are not covered by the Code will result in a student being required to withdraw from the program. A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.

b) Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes but is not limited to the following examples of unsuccessful registration:

- Students who do not achieve the minimum required grade (as defined by program) in one or both registrations.
- Students who earn a grade of "F" in one or both registrations; and
- Students who withdraw from the course with a "W" in one or both registrations.

c) Students who cannot be successful in a practice setting due to their academic performance, professional practice requirement deficiencies, or when the student's physical and/or psychological health may be detrimental to the client or community being served, will be unable to meet course requirements. If the student is unable to meet the program requirements because practice requirements cannot be achieved, they will be required to withdraw from the program.

Continuance in the Program

A minimum grade of “C” is required in all courses and a minimum of 18 credits for the Critical Care Nursing, Emergency Nursing and Neuroscience Nursing Streams.

University Transfer

The Advanced Studies in Critical Care Nursing Certificate is transferable to post-registered nursing baccalaureate programs at most Alberta universities. Students must meet the admission requirements for the university of their choice. Students considering transfer credit are encouraged to investigate their education plans with an academic advisor at the institution and faculty in which they are seeking to enrol, or are enrolled in.

Financial Assistance

Information regarding financial assistance is available from the College and Association of Registered Nurses of Alberta (CARNA), the Students’ Finance Board, and Student Awards and Financial Aid (Mount Royal). Other possible sources of funding may include: Health Regions; Alumni Associations and Specialty Interest Groups. Scholarship information is available on the Mount Royal website.

Prior Learning Assessment and Recognition

Before making application for *Prior Learning Assessment*, students should consult with the Coordinator. Recognition for prior learning may be given to students who have clinical experience and/or national certification in specialty areas (e.g. Critical Care, Emergency or Neuroscience Nursing).

ADMISSION REQUIREMENTS – ADVANCED STUDIES IN CRITICAL CARE NURSING – CERTIFICATE

- Graduation from a recognized post-secondary educational institution with a diploma or degree and is a Registered Nurse
- Nursing students with senior-level status in a recognized nursing program are permitted to take theory courses in the program
- Allied Health Professionals such as LPNs, Paramedics or Respiratory Therapists are permitted to take some theory courses in the program with the approval of the program coordinator

In addition, applicants must submit the following documents:

- The Mount Royal Application for Admission form
- The Advanced Studies in Critical Care Nursing program information form (available from the department of Advanced Specialty Health Studies)
- Final/Official transcripts from all post-secondary institutions attended
- Proof of current, active nursing registration
- To complete the clinical practicum in Alberta, students must submit a current, active permanent or temporary license with CARNA
- To complete the clinical practicum outside Alberta, students must submit a current, active permanent or temporary license with the appropriate nursing regulatory body

ADVANCED STUDIES IN CRITICAL CARE NURSING (ACCN)

Theory courses in the Advanced Studies in Critical Care Nursing Post-Basic Certificate program are offered on a home study basis (distance delivery) in the Fall and Winter Semesters. Some theory courses may be offered in the Spring. Clinical practice courses are organized in intensive care, neuroscience or emergency units in the Fall, Winter and Spring Semesters.

CURRICULUM

Certificate – Advanced Studies in Critical Care Nursing – Critical Care Nursing Critical Care Stream

Core Requirements – Level I Credits

ACCN 5501 – Critical Care Nursing: Physiology
 ACCN 5505 – Critical Care Nursing: Pathophysiology
 ACCN 5507 – Pharmacology for the Acutely Ill
 ACCN 5531 – Critical Care and Emergency Nursing: Assessment
 ACCN 5581 – Critical Care Nursing: Clinical I

Certificate – Advanced Studies in Critical Care Nursing – Emergency Nursing Emergency Stream

Core Requirements – Level I Credits

ACCN 5531 – Critical Care and Emergency Nursing: Assessment
 ACCN 5551 – Emergency Nursing – Pathophysiology
 ACCN 5553 – Emergency Nursing Part A: Management of the Acutely Ill and Injured
 ACCN 5555 – Emergency Nursing Part B: Management of the Acutely Ill and Injured
 ACCN 5591 – Emergency Nursing – Clinical I

Certificate – Advanced Studies in Critical Care Nursing – Neuroscience Nursing Neuroscience Stream

Core Requirements – Level I Credits

ACCN 5501 – Critical Care Nursing: Physiology
 ACCN 5507 – Pharmacology for the Acutely Ill
 ACCN 5531 – Critical Care and Emergency Nursing: Assessment
 ACCN 5571 – Neuroscience Nursing Theory
 ACCN 5573 – Neuroscience Nursing Clinical

Level II – Advanced Studies in Critical Care Nursing Critical Care, Emergency and Neuroscience Streams

Core Requirements – Level II

Level II ACCN students are required to take 2 theory courses and a focused clinical practicum. At least one of the theory courses must be from Mount Royal. Students determine their desired clinical focus and plan courses to facilitate learning in this area prior to the clinical experience. Students then plans clinical objectives in consultation with program faculty which meet their clinical focus. Students must have at least 3 years of experience in the clinical specialty area.

Theory Courses Credits

Courses which are considered for theory options in level II include:

ACCN 5507 – Pharmacology for the Acutely Ill
 ACCN 5513 – Advanced Trauma Care
 ACCN 5571 – Neuroscience Nursing Theory
 FORE 5505 – Forensic Studies: Victims of Violence

Other courses from Mount Royal post-basic certificates and/or external courses may be considered in consultation with the Coordinator. National certification in specialty nursing areas (e.g. Critical Care, Emergency or Neuroscience) will be considered for course credit for one of the theory options if not used in Level I for credit.

Clinical Courses Credits

Students complete 105 hours of clinical practicum in a clinical area related to their course objectives.

ACCN 5583 – Advanced Clinical II

GRADUATION REQUIREMENTS

A Certificate of Achievement is awarded upon successful completion of 9 additional credits in the Critical Care, Neuroscience or Emergency Nursing Streams.

CERTIFICATE – FORENSIC STUDIES

GENERAL INFORMATION

The Forensic Studies Certificate is a general forensic studies program aimed at professionals in health, social service, science and law enforcement disciplines. It is designed to prepare students with the forensic knowledge, skills and attitudes necessary for comprehensive forensic practice. Goals of the program include: increased collaborative efforts between disciplines and agencies; promote violence prevention; enhanced recognition and treatment of victims as well as perpetrators of trauma, abuse, violence and neglect.

The Forensic Studies Certificate offers state-of-the-art credit-based training using web technology. The program is designed for maximum flexibility to meet the needs of professionals seeking to study while they continue to work without relocating, as well as to choose a customized program unique to their learning needs. Each course is offered on the web with faculty and student interaction opportunities provided without requiring specific class times. Students should allow approximately 9-12 hours of study time per week for each course. They will require computer and e-mail access.

Financial Assistance

Information regarding financial assistance is available from the Student Awards and Financial Aid Office (Mount Royal).

Transfer Capabilities and Prior Learning

Transfer credit may be considered for external forensic courses on approval by the department chair. No more than three external courses can be applied to the certificate. Transfer courses must have similar content and instructional hours to Forensic Studies certificate courses. Prior learning assessment may be considered for relevant experience and training opportunities in consultation with the Coordinator.

Students may request to use an external forensic course they have completed previously as an open elective toward the Forensic Studies certificate if we do not offer a comparable course. This elective would count as one of the three external courses allowed. Requests must be approved by the Program Coordinator. The course must meet the following criteria: a minimum of a three credits (48 hours instruction) from a post-secondary institution; have a forensic focus; and be relevant to the student's forensic specialty area or interest.

The courses in the Forensic Studies program are designed to be transferable to senior baccalaureate or entry Master's level programs in other universities. Students may apply at other institutions to have these courses credited toward other programs. Courses may also be considered for use as electives in other post-basic certificates and degrees at Mount Royal.

ADMISSION REQUIREMENTS – FORENSIC STUDIES – CERTIFICATE

- A completed diploma or degree from a recognized post-secondary institution in health, allied health, social science, criminology or justice studies, or be an undergraduate student in the senior-year of study.

In addition, applicants must submit the following documents:

- The Mount Royal Application for Admission form
- The Forensic Studies program information form (available from the department of Advanced Specialty Health Studies – toll free in North America 1.800.240.6891)
- Final/Official transcripts from all post-secondary institutions attended

Note: Registration is open, although students are encouraged to register early to ensure courses will be offered or spaces are available.

CURRICULUM

A "Certificate – Forensic Studies" will be awarded upon successful completion of a minimum of 6 of the courses (18 credits)* listed below. Professionals admitted to the Forensic program who are not nurses or physicians may take FORE 5513, although a background in anatomy and physiology is strongly recommended and/or prior completion of FORE 5505. They are not eligible, however, to take the clinical course (FORE 5515) associated with this course. All courses are Web based distance delivery. Students may take courses on a part-time or full-time basis. Students may take these courses in any order. Consultation to plan courses with the Coordinator is recommended for new students in the program.

Core Requirements

FORE 5501 – Forensic History, Risk Populations and Issues

FORE 5503 – Forensic Psychiatric and Correctional Populations

FORE 5505 – Victims of Violence

FORE 5507 – Forensic Science

FORE 5509 – Expert Witness Testimony

FORE 5511 – Crime Scene Investigation and Evidence

**FORE 5513 – Sexual Assault Examination and Intervention Theory

**FORE 5515 – Sexual Assault Examination and Intervention Practicum

Approved Option ***

* Students select courses of their choice to a minimum of 18 credits.

** Not open to undergraduate students.

*** Students must consult with an advisor to determine if a course satisfies this requirement.

All courses will be offered each year

provided there are adequate registrations.

GRADUATION REQUIREMENTS

A minimum grade of "C" is required in all courses, and a minimum of 18 credits is required for the Forensic Studies Certificate.

CERTIFICATE – ADVANCED STUDIES IN PERINATAL & NEONATAL NURSING

Intake suspended as of Fall 2013

CERTIFICATE – STUDIES IN AGING (SAGE)

Intake suspended as of Fall 2013

ENTREPRENEURSHIP STREAM

Intake suspended as of Fall 2013

BRIDGE TO CANADIAN NURSING PROGRAM

GENERAL INFORMATION

The Bridge to Canadian Nursing (BCN) certificate of achievement program is an individualized course of study offered at Mount Royal at the Alberta South (located in Calgary, AB) and North (located in Edmonton, AB) sites. This "bridging" program is designed to prepare Internationally Educated Nurses (IENs), previously Registered Nurses (RNs) outside Canada, for the roles and expectations of RNs in the province of Alberta. The College and Association of Registered Nurses of Alberta (CARNA) identify Internationally Educated Nurses who are required to take bridging courses and refer them to the MRU Bridge to Canadian Nursing program. Other IENs interested in the program are also welcome to apply but must show proof of RN eligibility in Alberta.

Successful completion of bridging courses helps to prepare IENs to write the Canadian Nursing Exam (CRNE) and transition to registered nurse employment in Canada. The BCN program of study addresses concepts such as professional communication skills for nurses, professional nursing in Canada, health alternations and therapeutics, health assessment, professional nursing skills, clinical reasoning skills, nursing theory, and nursing clinical practice in medical/surgical environment to prepare nurses who have been educated outside Canada for safe, competent nursing practice in Canadian health care settings. Optional coursework is also offered to help IENs address knowledge and practice differences in three specific areas of nursing practice: professional nursing in mental health, child health and family newborn health.

Candidates may take one or more courses depending on their learning needs. IENs completing all 19 credits in the program will receive a certificate of achievement.

Application to Program

Prospective students will complete the Mount Royal Application for Admission form, indicating on the form that they are applying for the Bridge to Canadian Nursing program.

Program Deposit

All students accepted into the Bridge to Canadian Nursing program will be required to pay a non-refundable registration deposit within two weeks of notification of acceptance into the program.

Academic Performance Requirements

In matters of progression and continuance, there are instances when institutional processes do not fully address concerns related to student continuance in a program.

This applies in the following circumstances:

- a) Violations of a professional code of ethics and/or standards of practice (i.e. NEPAB, CARNA, CNA nursing professional practice documentation). A committee established by the program will assess violations of relevant codes and standards and whether the student will be required to withdraw from the program based on the seriousness of the violation.
- b) Students who are unsuccessful after two registrations in the same core course (as defined by the program) will be required to withdraw from the program. This includes, but is not limited to, the following examples of unsuccessful registration:
 - Students who do not achieve the minimum required grade (as defined by program) in one or both registrations;
 - Students who earn a grade of "F" in one or both registrations; and
 - Students who withdraw from the course with a "W" in one or both registrations.

c) Students who are denied a practicum placement by an external stakeholder because of an assessed detrimental impact on the client, client group, or community being served. Students who are unable to meet clinical or field course requirements on this basis will be required to withdraw from the program.

In order to be considered a student of record in the Bridge to Canadian Nursing program at Mount Royal, the student must achieve a minimum "C" grade or "EP" (Experiential Pass) in all BCN courses. Grades below a 'C' in a BCN theory course or an unsatisfactory ("EF": Experiential Fail) in a BCN clinical practice course must be cleared by repeating the course before students may progress to any further nursing courses which require the failed course as a pre-requisite. Students with two failures in the same BCN course will be withdrawn from the program and will not be eligible for re-registration unless approval is received from the Department Chair.

Students are permitted one re- registration in the same BCN course. That is, students are not allowed more than two (2) grades below the minimum pass or two (2) withdrawals in the same nursing program course, nor are they permitted one (1) withdrawal and one (1) grade below the minimum pass within the same nursing program course. Students who are unsuccessful after two registrations in the same nursing program course will be required to withdraw from the program and will not be eligible for re-admission.

Duration of the Program

Program requirements for the Bridge to Canadian Nursing program must be completed in two academic years.

Students With Disabilities

When warranted, and without compromising academic and professional nursing practice standards, Mount Royal will provide reasonable accommodation for students with documented disabilities.

Nursing Practice Experience Policies

Students must demonstrate satisfactory clinical performance as outlined in the course syllabus. Students' nursing practice experience may be scheduled at varied hours, including days, evenings, nights and weekends. Students may be required to complete practice experiences at sites distant to their place of residence. An out-of-town practice experience may be scheduled. All travel and accommodation costs associated with practice experiences are the responsibility of the student.

Participation in classroom, clinical practice, tutorial and laboratory sessions is mandatory. A student who is unable to attend these experiences due to exceptional circumstances, and therefore, is unable to meet course objectives may apply for deferral of course work. Students are cautioned that even if a deferral is granted, required practice and/or tutorial experiences may not be immediately available and student progress through the program may be delayed as a result.

A student may be prohibited from attending or completing a clinical practice experience if there is evidence to suggest that the student's physical and/or psychological health may be detrimental to patients or patient care. Approval of the Department Chair is required for entry into the clinical course.

Interruption of Program

Students who interrupt their program are advised that they will be required to comply with any regulations that may have come into effect with regard to their programs and requirements. Students will be required to re-apply for admission and notify Mount Royal by **March 15** of their intention to return for the following Fall Semester or by **October 1** for the following Winter Semester. Students who are required to withdraw for academic reasons must re-apply for admission.

Program Completion Requirements

To be eligible for the Bridge to Canadian Nursing program Certificate of Achievement, students must complete the program and achieve a cumulative grade point average of 2.00 with no grade less than "C" in each of their courses.

Cardiopulmonary Resuscitation (C.P.R.) Certification

Students must provide proof of current C.P.R. Certification at the Basic Life Support for Healthcare Provider Level C on an annual basis. Evidence of certification is to be shown to the clinical instructor prior to the beginning of all clinical experiences. All associated costs are the responsibility of the student.

Mask Fit Testing

As a prerequisite for acute care clinical practice all students must be fitted for N95 masks in accordance with Alberta Health Services policy. Mask fit testing is valid for two years unless there has been weight gain or loss greater than 4.5 kilograms, or following nasal fracture or facial scarring, in which case, refitting is required sooner. Evidence of mask fit testing is to be provided to the BCN Academic Advisor and students must have their mask size with them for practice experiences. All costs associated with this service are the responsibility of the student.

Police Information Check

Provincial legislation requires that new employees and volunteers in publicly funded agencies including: hospitals, seniors' lodges, group homes and nursing homes are subject to a police information check and vulnerable sector check. In some cases, agencies may require students to provide proof of a police information check prior to commencing a clinical course. Thus, students may be required to obtain more than one police information check during their program of studies. All costs related to the police information check are the responsibility of the student.

If a student is denied a clinical placement, then the student will be unable to meet course requirements and will be required to withdraw from the program. Refer to the statement regarding Police Information and Other Background Checks in the University Calendar.

Immunization

Proof of up-to-date immunization status is required for all professional practice courses and is the responsibility of the student. All associated costs are the responsibility of the student. Failure to maintain a current immunization status will result in immediate withdrawal from the clinical practice area.

ADMISSION REQUIREMENTS – BRIDGE TO CANADIAN NURSING PROGRAM

Applicants must show proof of eligibility requirements for licensure as a Registered Nurse in Alberta. Those applicants referred to the BCN program by the College and Association of Registered Nurses of Alberta (CARNA) need only submit a letter from CARNA identifying specific required courses.

Applicants must also have a sufficient level of English fluency. The language level for entry for the BCN program is set at a benchmark level of 8 on the 12-point scale used by Canadian Language Benchmarks or a successful pass in an English Language Test accepted by Mount Royal University or CARNA.

If the applicant is admitted to the Bridge to Canadian Nursing Program based on the CELBAN assessment tool and wishes to transfer to another academic program, they will be required to complete an English Language Proficiency assessment accepted by MRU.

For detailed information about Canadian Language Benchmarks, including contact information for assessment centres, visit language.ca. Admission decisions for this program are made by the Bridge to Canadian Nursing Program, School of Nursing. Enrolment in this program is limited. Intakes to the program occur during the Fall and Winter semesters at Alberta South (located in Calgary, AB) and North (located in Edmonton, AB) sites.

Transfer Credit Assessment

This program will not offer transfer credit for coursework completed at other institutions.

CURRICULUM

Bridge to Canadian Nursing Program

The Bridge to Canadian Nursing (BCN) program is an individualized program of study which provides the following listed courses. Please note that attendance at Student Advising sessions (individualized or group) is strongly recommended to facilitate a smooth progression through the program.

HLTH 3101 – Professional Communication Skills for Nurses

HLTH 3103 – Professional Nursing in Canada

HLTH 3105 – Health Alterations and Therapeutics I

HLTH 3107 – Professional Nursing Health Assessment

HLTH 3109 – Health Assessment Workshop

HLTH 3211 – Health Alterations and Therapeutics II

HLTH 3217 – Professional Nursing in Family Newborn Health

HLTH 3219 – Professional Nursing in Child Health

HLTH 3221 – Professional Nursing in Mental Health

HLTH 3313 – Professional Nursing Skills

HLTH 3415 – Professional Clinical Practice

POST-BASIC CERTIFICATES

Police Information Check

Provincial legislation requires that new employees and volunteers in publicly funded agencies including; hospitals, seniors' lodges, group homes and nursing homes are subject to a police information check. In some cases, agencies may require students to provide proof of a police information check prior to commencing a clinical course. Thus, students may be required to obtain more than one police information check during their program of studies. All costs related to the police information check are the responsibility of the student.

If a student is denied a clinical placement, then the student will be unable to meet course requirements and will be required to withdraw from the program. Refer to the statement regarding *Police Information and Other Background Checks* in this calendar.

Workers' Compensation Board Coverage

Students requiring clinical practicum placements must be aware that agencies and employers usually require Workers' Compensation Board (WCB) coverage on behalf of the student. MRU can provide WCB coverage for students attending in Alberta, BC, Ontario, PEI and possibly a few other provinces. Applicants from Saskatchewan, Manitoba, Nova Scotia, Newfoundland and the Yukon should be aware that MRU is not able to purchase WCB coverage in these provinces. It will be up to the student to make the required arrangements with the employer/agency where the practicum is to take place. For further information, please contact the Coordinator prior to application. Alternate practicum arrangements may be possible.

FACULTY OF SCIENCE AND TECHNOLOGY



PROGRAMS OFFERED

Bachelor of Computer Information Systems BCIS

Bachelor of Science BSc

Cellular and Molecular Biology; Environmental Science;
General Science; Geology or Health Science

Bachelor of Engineering (University Transfer Program)

Bachelor of Science – Computer Science (University Transfer Program)

Certificate – Environmental Science

FACULTY INFORMATION

Department: 403.440.6166

Dean, Faculty of Science and Technology

J. Goldberg: 403.440.6966

Associate Dean, Faculty of Science and Technology

T. MacAlister: 403.440.6684

Advisor, Bachelor of Science

N. Crosby: 403.440.5514

Chair, Biology

R. Pickett Seltner: 403.440.8734

Chair, Chemistry

S. Morante: 403.440.6363

Academic Advisor, Cellular and Molecular Biology

D. Bird: 403.440.8750

Academic Advisor, Chemistry

S. Varkey: 403.440.6964

Academic Advisor, General Science

C. Lovallo: 403.440.8836

Academic Advisor, Health Science

T. Day: 403.440.5961

Chair, Computer Science and Information Systems

R. Hoar: 403.440.7061

Academic Advisor, Computer Information Systems

A. Fedoruk: 403.440.8840

Academic Advisor, Computer Science

M. Schroeder: 403.440.6172

Work Experience Coordinator, Computer Information Systems

M. Peterson: 403.440.7059

Chair, Department of Earth Sciences

P. Johnston: 403.440.6174

Academic Advisor, Geology

J. Cox: 403.440.6160

Chair, Department of Environmental Science

R. Saint-Fort: 403.440.6683

Academic Advisor, Environmental Science

B. Sevick: 403.440.6675

Work Experience Coordinator, Environmental Science

R. Cathro: 403.440.5937

Chair, Department of Mathematics, Physics and Engineering

M. Diaz-Avila: 403.440.6029

Academic Advisor, Engineering

TBA: 403.440.6147

BACHELOR OF COMPUTER INFORMATION SYSTEMS



GENERAL INFORMATION

This program, jointly offered by the Department of Computer Science and Information Systems and the Bissett School of Business, offers a forward looking combination of computer and business courses. Throughout 8 academic semesters and up to 3 cooperative work terms, students will develop the expertise required by computing professionals.

The program has been developed by following well-recognized international curriculum standards from the Association for Computing Machinery (ACM) and the Canadian Information Processing Society (CIPS) as well as through continuous consultation with senior managers from Calgary businesses. The end result is a degree that meets the needs of business as well as the needs of graduates who must adapt to change in the future.

Employers are looking for computer professionals with a wide range of skills and abilities. Besides technical skills, employees also need solid business knowledge, the ability to work effectively in teams, a willingness to think creatively, and to communicate effectively using speech, written words, and images. This degree will prepare you for this environment through courses in computer science, business, communications, and general education.

The program concentrates on the practical application of computer systems in a business environment. Students acquire a solid foundation in programming, systems analysis and design, Internet development, hardware and networking support and in-depth knowledge of standard business practices. Students will widen their learning by extending it to the workplace during a minimum of one and up to three cooperative work terms where they will gain hands-on work experience.

In addition, by completing the approved business courses in this degree program and with proper option selection, you may qualify for a **Minor in Business**.

With this blend of abilities graduates are well suited to work in large or small companies, act as self-employed consultants, or start their own businesses. Graduates may expect to find work as programmers or junior analysts, as user and technical support specialists, as web developers, as database developers, or in one of many other IT-based jobs.

CONTINUANCE IN THE PROGRAM

Students accepted into the Bachelor of Computer Information Systems degree program must comply with all University policies and regulations relating to baccalaureate degrees and continuance.

Work Experience

The Academic Plan of Mount Royal stresses the importance of experiential education in all academic curricula. The Bachelor of Computer Information Systems degree requires that all students complete at least one non-credit work experience term. Students can then proceed to take an optional work term, if they so wish.

Students must complete the Orientation to Co-operative Education course (COOP 0001) prior to the mandatory work term. To be eligible for a work term students must have completed the prerequisite courses and must obtain a minimum cumulative GPA. For additional information, please contact the Career Services Work Experience Coordinator at 403.440.7059, Room A200.

Co-Operative Education Option

The Academic Plan of Mount Royal stresses the importance of experiential education in all academic curricula. Accordingly, we offer all students enrolled in the Bachelor of Computer Information Systems program the opportunity to pursue their degree as a Co-operative Education degree. Students who successfully complete three co-op work terms will be eligible for a notation on both their transcript and their parchment, in accordance with the guidelines of the Canadian Association for Co-operative Education (CAFCE).

To be eligible to participate in the BCIS Co-operative Education Option, students must have completed the prerequisite courses required for entrance into their respective co-op work-term placements. Additionally, before beginning their first of three (3) work terms, all co-op students must complete the Orientation to Co-operative Education course (COOP 0001). For additional information about co-operative education, please contact the Career Services Department at 403.440.6307, Room A200.

At the time of application into the co-operative education option and prior to a work term, students enrolled in the Bachelor of Computer Information Systems degree program must obtain a minimum cumulative GPA. For additional information about co-operative education, please contact the Career Services Work Experience Coordinator at 403.440.7059, Room A200.

Co-Operative Education Fees

A half course fee is assessed for the Orientation to Co-operative Education course prior to the first work-term. Fees for each Co-operative Education work term are assessed thereafter on a course-by-course basis. These fees must be paid or notice of financial assistance provided by the fee deadline for the semester in which the placement occurs.

Aboriginal Admission Requirements

Each year 7% of the admission seats in the Bachelor of Computer Information Systems program will be reserved for Aboriginal students through an Aboriginal admission target.

To be considered for admission under the Aboriginal admission target, the applicant must:

- self-identify as an Aboriginal applicant on the Application for Admission.
- meet the definition of an Aboriginal Applicant.
- meet the minimum admission requirements as indicated in the General Admission requirements for Mount Royal University as well as the specific admission requirements for the Bachelor of computer Information Systems.

Designated seats for this special consideration target will be filled by Aboriginal applicants on a competitive basis. Applicants are encouraged to apply during the Early Admissions period (December 1 - March 1). Any unfilled designated seats will be released on June 1 to students applying under the General Admission requirements.

See general admission requirements in the Admissions section of this calendar for further information.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF COMPUTER INFORMATION SYSTEMS

In addition to meeting the general admission requirements indicated in the *Admission* section, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Computer Information Systems program.

- English Language Arts 30-1 – 60%
- Mathematics 30-1 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CURRICULUM

- ACCT 2121 – Financial Accounting Concepts
- COMP 1501 – Programming I: Problem Solving using a Programming Toolkit
- COMP 1502 – Programming II: Object Oriented Programming
- COMP 1511 – Web I: Client Development
- COMP 2503 – Programming III: Data
- COMP 2521 – Database I - Data Modeling and Query Languages
- COMP 2531 – Operating Systems and Computer Architecture
- COMP 2541 – Systems Analysis
- COMP 3309 – Information Technology and Society
(General Education Requirement Level 3, Cluster 3)
- COMP 3512 – Web II: Web Application Development
- COMP 3532 – System Administration and Maintenance
- COMP 3533 – Network Infrastructure
- COMP 4543 – Project Management and Quality Assurance
- HRES 2170 – Introduction to Human Resources
- MATH 1505 – Puzzling Adventures in Mathematics
(General Education Requirement Level 2, Cluster 1)
- MGMT 2130 – Management Principles and Practices
- MGMT 3210 – Business Communication Theory and Practice
(General Education Requirement Level 3, Cluster 4)
- MKTG 2150 – Introduction to Marketing
- Possible Non-credit Work Experience Term
- Non-credit Work Experience Term
- Elective
- Elective
- Elective
- Elective

Approved Senior Business Option *(2)
 Approved Senior Business Option *(2)
 Approved Senior Business Option *(2)
 Approved Senior Computer Science Option *(1)
 Approved Senior Computer Science Option *(1)
 Approved Senior Computer Science Option *(1)
 Approved Senior Computer Science Option *(1)
 Approved Senior Computer Science or Business Option *(3)
 Approved Senior Computer Science or Business Option *(3)
 General Education Requirement Cluster 1, Foundation
 General Education Requirement Cluster 2, Foundation
 General Education Requirement Cluster 3, Foundation
 General Education Requirement Cluster 4, Foundation
 General Education Requirement Tier 2 *(4)
 General Education Requirement Tier 2 *(4)
 General Education Requirement Tier 2 *(4)
 General Education Requirement Tier 3 *(5)
 General Education Requirement Tier 3 *(5)

*(1) For Approved Senior Computer Science Option choose from this list:

COMP 3012 – Robotics
 COMP 3504 – Programming IV: Best Practices in Design and Development
 COMP 3551 – GUI Development
 COMP 4513 – Web III: Advanced Web Development
 COMP 4522 – Database-II: Advanced Databases
 COMP 4535 – Computer Security
 COMP 4545 – Information Systems Organization
 COMP 4553 – Human-Computer Interaction
 COMP 4555 – Games Development

*(2) For Approved Senior Business Option choose any 3000-level or higher course offered by the Bissett School of Business

*(3) For Approved Senior Computer Science or Business Option choose from: the list of approved computer science options *(1), or Entrepreneurship 2301 – The Entrepreneurial Experience, or the list of approved senior business options *(2)

* (4) Level 2 General Education Cluster 2, 3, or 4. Students must have one Level 2 course from each cluster.

* (5) Level 3 General Education courses must be taken from at least two different clusters.

GRADUATION REQUIREMENTS

Students enrolled in the Bachelor of Computer Information Systems degree program must obtain a minimum grade of "C-" in all required computer courses in the program and maintain a minimum cumulative Grade Point Average of 2.00.

To be eligible for graduation a student must

- Satisfy the curriculum requirements for the Bachelor of Computer Information Systems
- Attain a minimum GPA of 2.00 on all courses required for the program.
- Attain a minimum grade of C- in all required computer courses
- Successfully complete a minimum of three courses from General Education Cluster 4, two of which are level 2 or higher
- Successfully complete at least one Work Experience Term

See General Graduation Requirements section for further requirements.



BACHELOR OF SCIENCE



GENERAL INFORMATION

Mount Royal has a long and successful history of providing relevant and practical education to students in an environment that favours learning. Small class sizes, instructors who are learner centred, and facilities and services that support the University's ideals of student success and satisfaction all come together in our Bachelor of Science programming.

The Bachelor of Science is a four (4) year degree program. You may choose to explore your interests in a wide variety of science disciplines by electing the General Science major or focus your specific interests in a major in Cellular and Molecular Biology; Environmental Science; Geology or Health Science. All majors will allow you to pursue interesting and exciting careers in the sciences and beyond. With the exception of the Environmental Science major the program is offered over eight (8) fall and winter academic semesters. Students completing all degree requirements will be awarded a Bachelor of Science degree from Mount Royal.

Continuance in the Program

Students accepted into the Bachelor of Science program must comply with all Mount Royal policies and regulations relating to baccalaureate degrees and continuance.

Academic Performance Requirements

Many courses in the Bachelor of Science require minimum prerequisite grades of "C-" or better.

For the purpose of progression and graduation all degree candidates must complete all courses in the program, General Education requirements and electives included, with a cumulative grade point average of 2.00 or greater and with final grades of "C-" or better, except that a maximum of two courses in total and only one in the core, may be completed with a pass grade of less than "C-".

Duration Of Program

Program requirements for degree completion can be completed in four (4) academic years. Students have seven (7) calendar years from the date of initial registration in the Bachelor of Science Degree to complete all requirements. Students seeking an extension beyond seven (7) years may be required to complete additional course work.

Interruption Of Program

Students who interrupt their program for more than twelve months are advised that they will be required to comply with any new regulations that may have come into effect in regard to their program and requirements. Students will be required to re-apply for admission and notify the department in which their major resides or the Office of the Dean of the Faculty of Science and Technology at Mount Royal in writing by March 15 of their intention to return for the following fall semester or by October 1 for the following winter semester.

Residency Requirements

Normally, 50% of the academic work completed toward the award of a Mount Royal parchment must be completed at the University except where written approval has been given by the dean/director of the appropriate faculty/centre.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF SCIENCE

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Science program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1 – 60%
- Chemistry 30 – 60%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Transfer Credit

Transfer credit towards Mount Royal science courses will be limited to courses that have been successfully completed within seven (7) years prior to admission to this Bachelor of Science program.

Aboriginal Student Admission

Each year seven percent of the Bachelor of Science program will be reserved for Aboriginal Applicants through an Aboriginal Admissions target.

To be considered for admission under the Aboriginal Admission target, the applicant must:

- a. self identify as an Aboriginal Applicant on the Application for Admission.
- b. meet the definition of an Aboriginal Applicant.
- c. meet the minimum admission requirements as indicated in the General Admission Requirements for Mount Royal University as well as any program level admission requirements.

Designated seats for this special consideration target will be filled by qualified Aboriginal Applicants on a competitive basis. Applicants are encouraged to apply during the Early Admission period. Any unfilled, designated seats will be released June 1 to students applying under the General Admission Requirements.

See General Admission requirements in the Admissions section of this Calendar for further information.

CURRICULUM

Bachelor of Science – General Science

All students accepted into the Bachelor of Science will initially be enrolled in the General Science Major. At the start of the second semester students wishing to enter one of the other majors will be asked to declare their intent to do so. Declaration forms will be available online and through the departmental offices in the Faculty of Science and Technology.

i) During the first two years of studies, students will take two courses from each of four areas of specialization: (Biological Sciences, Physical Sciences, Mathematics and Computer Sciences, and Earth Sciences) for a total of eight core science courses in years one and two.

ii) After completing the core science requirements in (i), students will take a minimum of 16 additional science courses. These courses, referred to as Approved Science Options, must be taken from at least two of the four areas of specialization (Mathematics and Computing Sciences, Physical Sciences, Earth Sciences, and Biological Sciences). At least 6 of these 16 Approved Science Options must be taken at the 3000 level or higher.

iii) Students will also take 12 General Education courses and 4 Electives. The electives may include further science courses listed under the Areas of Specialization.

BIOL 1202 – An Introduction to Cell Biology

BIOL 1204 – The Evolution of Eukaryotes

CHEM 1201 – General Chemistry

COMP 1001 – Introduction to Computer-Based Problem Solving
for the Sciences

MATH 1200 – Calculus for Scientists I

PHYS 1201 – Classical Physics I

Two of: GEOL 1101 – Physical Geology, GEOG 1101 – Physical Environment,
GEOL 1103 – Historical Geology, GEOG 1103 – Human Geography

General Education Requirement Cluster 1, Foundation

General Education Requirement Cluster 2, Foundation

General Education Requirement Cluster 3, Foundation

General Education Requirement Cluster 4, Foundation

General Education Requirement Cluster 1, Tier 2

General Education Requirement Cluster 2, Tier 2,

General Education Requirement Cluster 3, Tier 2,

General Education Requirement Cluster 4, Tier 2,

General Education Requirement Tier 3

General Education Requirement Tier 3

General Education Requirement Tier 3

General Education Requirement Tier 3

16 Approved Science Option

4 Electives

*Approved Science Options for the General Science Major:

Students must consult with a Program Advisor before registering for any of these courses.

Physical Sciences

ASTR 1301 – Fundamentals of Astronomy I
 CHEM 1202 – General Chemistry: Introduction to Quantitative Chemistry
 CHEM 1203 – An Introduction to Organic Chemistry
 CHEM 2101 – Organic Chemistry I
 CHEM 2102 – Organic Chemistry II
 CHEM 2205 – Computers in Chemistry
 CHEM 2211 – The Chemistry Between Us
 CHEM 2301 – Analytical Chemistry I: Quantitative Analysis
 CHEM 2302 – Analytical Chemistry II: Introduction to Instrumental Analysis
 CHEM 3103 – Advanced Organic Synthesis
 CHEM 3201 – Spectroscopy
 CHEM 3401 – Solid State
 CHEM 3601 – Thermodynamics
 CHEM 3602 – Elementary Quantum Mechanics
 CHEM 3801 – Nuclear Chemistry
 CHEM 3802 – The Science and Politics of Nuclear Energy
 CHEM 4213 – Drug Discovery
 CHEM 4701 – Molecular Modeling
 CHEM 5201 – Independent Projects I
 CHEM 5202 – Independent Projects II
 PHYS 1131 – Optics, Oscillations and Waves
 PHYS 1202 – Classical Physics II
 PHYS 1209 – Elementary Modern Physics
 PHYS 2201 – Waves and Optics
 PHYS 2203 – Electromagnetism
 PHYS 3103 – Introduction to Biophysics
 PHYS 3401 – Solid State
 PHYS 3601 – Thermodynamics
 PHYS 3602 – Elementary Quantum Mechanics

Biological Sciences

BCEM 2201 – General Biochemistry
 BCEM 3201 – Protein Biochemistry
 BCEM 3202 – Enzymes and Metabolic Systems
 BCEM 4212 – Biochemical Pharmacology
 BIOL 2101 – Genetics
 BIOL 2102 – How They Do It - Patterns of Reproduction
 BIOL 2202 – Cellular and Molecular Biology
 BIOL 2203 – Human Anatomy
 BIOL 2204 – Zoology II - Deuterostomes
 BIOL 2213 – Principles of Ecology and Evolution
 BIOL 2214 – Zoology I - Protostomes
 BIOL 2309 – Plants and People
 BIOL 3101 – Molecular Genetics
 BIOL 3102 – Intermediate Cell Biology

BIOL 3103 – Introduction to Biophysics
 BIOL 3104 – Human Physiology I
 BIOL 3106 – Evolutionary Biology
 BIOL 3107 – Entomology
 BIOL 3108 – Conservation Biology
 BIOL 3203 – Genomes
 BIOL 3204 – Histology
 BIOL 3205 – Human Physiology II
 BIOL 3209 – Behavioral Ecology
 BIOL 3216 – Human Adaptation to Environmental Stress
 BIOL 4204 – Evolution in Health and Disease
 BIOL 4207 – Womb to Tomb: Embryology, Development, and Aging
 BIOL 5201 – Independent Projects I
 BIOL 5202 – Independent Projects II
 MIBI 2201 – Microbiology
 MIBI 3105 – Medical Microbiology

Mathematics and Computer Science

COMP 1502 – Programming II: Object Oriented Programming
 COMP 1511 – Web I: Client Development
 COMP 2008 – Scientific Computing I
 COMP 2503 – Programming III: Data Structures
 COMP 2521 – Database I: Data Modeling and Query Languages
 COMP 2531 – Computer Architecture and Operating Systems
 COMP 2541 – Systems Analysis
 COMP 3008 – Scientific Computing II
 COMP 3012 – Robotics
 COMP 3313 – Introduction to Computability
 COMP 3504 – Programming IV: Best Practices in Design and Development
 COMP 3512 – Internet II: Web Application Development
 COMP 3532 – System Administration and Maintenance
 COMP 3533 – Network Infrastructure and Security
 COMP 3551 – GUI Development
 COMP 4513 – Web III: Advanced Web Development
 COMP 4522 – Database-II: Advanced Databases
 COMP 4535 – Computer Security
 COMP 4543 – Project Management and Quality Assurance
 COMP 4545 – Information Systems Organization
 COMP 4553 – Human Computer Interaction
 COMP 4555 – Games Development
 MATH 1202 – Calculus for Scientists II
 MATH 1203 – Linear Algebra for Scientists and Engineers
 MATH 1271 – Discrete Mathematics
 MATH 2101 – Abstract Algebra
 MATH 2301 – Calculus III
 MATH 2302 – Calculus IV
 MATH 2311 – Linear Algebra
 MATH 2321 – Mathematical Probability
 MATH 2323 – Introduction to Mathematical Statistics
 MATH 3101 – Numerical Analysis

MATH 3303 – Topics in Applied Mathematics and Data Analysis
 MATH 3307 – Differential Equations
 MATH 4101 – Abstract Algebra II
 MATH 4102 – Analysis
 MATH 4103 – Complex Numbers

Earth Sciences

GEOG 1101 – Physical Environment
 GEOG 1103 – Human Environment
 GEOG 1105 – Introduction to Mapping, GIS and Remote Sensing
 GEOG 2107 – Weather and Climate
 GEOG 2109 – Soil Characteristics and Formation
 GEOG 2111 – Landform Processes and Morphology
 GEOG 2437 – Biogeography
 GEOG 2445 – Environmental Problems and Resource Management
 GEOG 2553 – Geographic Information Systems
 GEOG 2555 – Introduction to Remote Sensing
 GEOG 3107 – Advanced Biogeography
 GEOG 3109 – Overseas Field Study in Physical Geography
 GEOG 3309 – Overseas Field Study in Human Geography
 GEOG 3445 – Global Environmental Issues
 GEOG 3553 – Advanced GIS
 GEOL 1101 – Physical Geology
 GEOL 1103 – Historical Geology
 GEOL 1151 – Introduction to the Petroleum Industry
 GEOL 2103 – Minerals and Rocks
 GEOL 2107 – Paleontology
 GEOL 2109 – Stratigraphy and Sedimentology
 GEOL 2151 – Environmental Geology and Earth Resources
 GEOL 2153 – Natural Hazards and Disasters
 GEOL 2155 – Geological History of Life
 GEOL 2157 – Water: Geologic and Geographical Issues
 GEOL 3107 – Geomorphology
 GEOL 4105 – Hydrogeology
 GEOL 4107 – Geology of Western Canada
 GEOL 4109 – Petroleum Geology
 GEOP 3101 – Exploration Geophysics

Bachelor of Science – Cellular and Molecular Biology

BCEM 2201 – General Biochemistry
 BCEM 3202 – Enzymes and Metabolic Systems
 BIOL 1202 – An Introduction to Cell Biology
 BIOL 1204 – The Evolution of Eukaryotes
 BIOL 2101 – Genetics
 BIOL 2202 – Cellular and Molecular Biology
 BIOL 3101 – Molecular Genetics
 BIOL 3102 – Intermediate Cell Biology
 BIOL 3203 – Genomes
 BIOL 4101 – Advanced Cellular and Molecular Biology I
 BIOL 4202 – Advanced Cellular and Molecular Biology II
 BIOL 4203 – Current Topics in Cell Biology
 CHEM 1201 – General Chemistry I
 CHEM 1202 – General Chemistry II
 CHEM 2101 – Organic Chemistry I
 CHEM 2102 – Organic Chemistry II
 MATH 1200 – Calculus for Scientists I
 MATH 2233 – Statistics for the Biological Sciences
 MIBI 2201 – Microbiology
 MIBI 3105 – Medical Microbiology
 PHYS 1201 – Classical Physics I
 PHYS 1202 – Classical Physics II
 PHIL 2223 – Bio Ethics
 General Education Requirement Cluster 1, Foundation
 General Education Requirement Cluster 2, Foundation
 General Education Requirement Cluster 3, Foundation
 General Education Requirement Cluster 4, Foundation
 General Education Requirement Cluster 1, Tier 2
 General Education Requirement Cluster 2, Tier 2
 General Education Requirement Cluster 3, Tier 2
 General Education Requirement Cluster 4, Tier 2
 General Education Requirement Tier 3
 General Education Requirement Tier 3
 General Education Requirement Tier 3
 General Education Requirement Tier 3
 4 Electives
 Approved Option*

* Approved options for this degree program include the following: CHEM 2301 – Analytical Chemistry I, CHEM 2302 – Analytical Chemistry II, BIOL 3103 – Introduction to Biophysics BCEM 3201 – Protein Chemistry, BIOL 4103 – Developmental Biology, BIOL 4204 – Evolution in Health and Disease.

Bachelor of Science – Geology

Entry into the program

Students who are enrolled in the Bachelor of Science – General Science program can apply to transfer into the Bachelor of Science – Geology program early in the Winter semester. This is a competitive process based on overall GPA and GPA in six defined courses from Year 1 of the General Science program. An interview may be necessary. Students are informed of the decision of the Department Earth Sciences at the end of the Winter semester.

Students admitted into the Geology Major must register in the following courses in the Fall semester immediately following their acceptance into the program, in order to maintain their position in the program:

GEOL 2101 – Introduction to Geologic Field Methods

GEOL 2103 – Minerals and Rocks

GEOL 2105 – Structural Geology

Field Schools and Field Trips

Field Schools and Field Trips are an integral part of the Geology major program. Students should note that there will be costs, in addition to tuition, to cover transportation, food and accommodation for the following Field Schools:

GEOL 2101 – Introduction to Geologic Field Methods

GEOL 3101 – Advanced Geologic Field Methods

Note that these courses will be held for approximately 12-14 days after the end of the Winter semester or before the start of the Fall semester.

In addition to Field Schools, individual courses may include Field Trips as part of the curriculum. These trips are typically 1-2 days in length but may be longer.

The department will make every effort to keep the additional costs to students of Field Schools and Field Trips as low as possible.

CHEM 1201 – General Chemistry I

CHEM 1202 – General Chemistry II

COMP 1001 – Introduction to Computer-Based Problem Solving for the Sciences

GEOL 1101 – Physical Geology

GEOL 1103 – Historical Geology

GEOL 2101 – Introduction to Geologic Field Methods

GEOL 2103 – Minerals and Rocks

GEOL 2105 – Structural Geology

GEOL 2107 – Paleontology

GEOL 2109 – Stratigraphy and Sedimentation

GEOL 2111 – Crystallography and Optical Mineralogy

GEOL 3101 – Advanced Geologic Field Methods

GEOL 3103 – Igneous Petrology

GEOL 3107 – Geomorphology

GEOL 3109 – Sedimentary Petrology

GEOL 3111 – Metamorphic Petrology

GEOL 3113 – Geochemistry

GEOL 4101 – Advanced topics in Sedimentary Geology or

GEOL 4103 – Advanced topics in Igneous/Metamorphic Geology.

GEOL 4105 – Hydrogeology

GEOL 4107 – Geological History of Western Canada

GEOL 4109 – Petroleum Geology

GEOL 4111 – Ore Deposits and Economic Geology

GEOL 4113 – Geoscience Research

GEOP 3101 – Exploration Geophysics

MATH 1200 – Calculus for Scientists I

MATH 1203 – Linear Algebra for Scientists and Engineers

MATH 2235 – Statistics with Applications in Geology

PHYS 1201 – Classical Physics I

PHYS 1202 – Classical Physics II

General Education Requirement Cluster 1, Foundation

General Education Requirement Cluster 2, Foundation

General Education Requirement Cluster 3, Foundation

General Education Requirement Cluster 4, Foundation

General Education Requirement Cluster 1, Tier 2

General Education Requirement Cluster 2, Tier 2

General Education Requirement Cluster 3, Tier 2

General Education Requirement Cluster 4, Tier 2

General Education Requirement Tier 3

General Education Requirement Tier 3

General Education Requirement Tier 3

Bachelor of Science – Health Science

BCEM 2201 – General Biochemistry
 BIOL 1202 – An Introduction to Cell Biology
 BIOL 2101 – Genetics
 BIOL 2202 – Cellular and Molecular Biology
 BIOL 2203 – Human Anatomy
 BIOL 3104 – Human Physiology I
 BIOL 3204 – Histology
 BIOL 3205 – Human Physiology II
 BIOL 4102 – Pathophysiology
 BIOL 4207 – Womb to Tomb: Embryology, Development and Aging
 BIOL 4208 – Seminars in Health Science
 CHEM 1201 – General Chemistry I
 CHEM 1202 – General Chemistry II
 CHEM 2101 – Organic Chemistry I
 CHEM 2102 – Organic Chemistry II
 CLAS 1111 – The Technical Terms of Medicine and the Life Sciences
 MATH 1200 – Calculus for Scientists I
 MATH 2233 – Statistics for the Biological Sciences
 MIBI 2201 – Microbiology
 PHIL 2223 – Bio Ethics
 PHYS 1201 – Classical Physics I
 PHYS 1202 – Classical Physics II
 General Education Requirement Cluster 1, Foundation
 General Education Requirement Cluster 2, Foundation
 General Education Requirement Cluster 3, Foundation
 General Education Requirement Cluster 4, Foundation
 General Education Requirement Cluster 1, Tier 2
 General Education Requirement Cluster 2, Tier 2
 General Education Requirement Cluster 3, Tier 2
 General Education Requirement Cluster 4, Tier 2
 General Education Requirement Tier 3
 General Education Requirement Tier 3
 General Education Requirement Tier 3
 General Education Requirement Tier 3

4 Electives

Approved Option*

Approved Option*

*Approved 3 credit Options may include the following. Choose one Option from List A and another Option from either List A or List B.

List A:

BIOL 4209 – Neuroscience
 BCEM 4212 – Biochemical Pharmacology

List B:

BIOL 3103 – Introduction to Biophysics
 BIOL 4204 – Evolution in Health and Disease
 BIOL 4211 – Applied Human Physiology
 BIOL 4217 – Epidemiology
 MIBI 3105 – Medical Microbiology

General Education

For course information visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in a course.

GRADUATION REQUIREMENTS

Students completing degree requirements will be awarded a Bachelor of Science degree in their chosen major (Cellular and Molecular Biology; Environmental Science; General Science; Geology or Health Sciences) from Mount Royal.

Note: For course descriptions refer to:

Bachelor of Science:

mtroyal.ca/scitech/bachsci/curriculum.shtml



BACHELOR OF APPLIED SCIENCE – ENVIRONMENTAL SCIENCE



ADMISSION SUSPENDED. FOR INFORMATION ON THIS PROGRAM PLEASE REFER TO THE MOUNT ROYAL WEBSITE, AN ADVISOR, OR A PREVIOUS CALENDAR.

Environmental performance and protection are increasingly becoming an evolving, strategic objective of industry, non-government organizations and government. In response to this movement, the environmental profession has become Canada's fastest growing and most diverse field of employment (source: ECO Canada). Mount Royal University has responded to these developments with the Applied Degree in Environmental Science program.

Our environmental science program provides graduates with the knowledge and skills to obtain employment in both the traditional and emerging sectors of environmental employment. Alberta's rapidly expanding economy, based largely on the oil and gas industry, provides many environmentally related career opportunities in areas related to environmental protection and environmental management. These employment opportunities deal with past and present issues of compliance with governmental regulations and company environmental policy. Our program also looks to the future, by exploring areas of environmental science that deal with preventing pollution and promoting the efficient and appropriate use of energy, materials and natural resources. These new approaches encourage industries to establish sustainable systems that can help protect the environment as well as improve the corporate bottom line. Environmental protection is facilitated through a variety of evolving strategies. Learning these new strategies within the program is unique, timely and important. This new environmental science paradigm provides a compass for moving industry and government towards sustainable development.

Students in our program develop a broad set of environmental skills and knowledge that allow them to play an active role in evaluating, managing, and improving the environmental and economic performance of industry. They are exposed to traditional and leading-edge environmental knowledge and techniques that allow them to make a difference in the quest for a more sustainable future. The graduate will have appropriate environmental skills and competencies, blended with a general education component. This will produce an individual with the breadth and flexibility to communicate, problem solve, think creatively, manage and adapt.

Graduates are encouraged to apply for their Certified Environmental Professional in Training (CEPIT) designation which is offered by the Canadian Environmental Certification Approvals Board (CECAB). Certification as an Engineering Technologist by the Alberta Society of Engineering Technologists (ASET) is also possible when students choose appropriate courses. With additional course work, students may be eligible for certification with the Alberta Institute of Agrologists.

The Bachelor of Applied Science – Environmental Science degree has two points of entry. Direct entry provides a comprehensive grounding in all major aspects of environmental science and industrial ecology, and will be the normal route of entry into the field. There is also an Indirect Entry option for applicants with relevant education, and/or work experience.

The Bachelor of Applied Science – Environmental Science program combines six (6) semesters of academic study and two (2) semesters of Directed Field Studies (work-terms). This applied degree program will emphasize relevant and applied learning of current and leading-edge practices in environmental science and environmental management.

BACHELOR OF ENGINEERING (UNIVERSITY TRANSFER)



GENERAL INFORMATION

This university transfer program is designed to cover between one and two years of the common core courses of a baccalaureate degree program in engineering. The common core prepares students for many branches of engineering including chemical, civil, computer, electrical, geomatics, manufacturing, mechanical, petroleum and software engineering.

First year courses at Mount Royal University include:

- | | |
|-------------|-------------|
| • CHEM 1209 | • ENGR 1271 |
| • CHEM 1210 | • ENGR 1303 |
| • ENGR 1205 | • ENGR 3349 |
| • ENGR 1215 | • MATH 1203 |
| • ENGR 1233 | • MATH 1217 |
| • ENGR 1261 | • MATH 1219 |
| • ENGR 1263 | • PHYS 1131 |

Second year courses at Mount Royal University include:

- CHEM 3357
- ECON 1109
- ENGR 3319
- ENGL 2263
- MATH 1271
- MATH 3101
- MATH 3307
- MATH 3309
- PHYS 2369

A list of electives and complementary study courses is available on the departmental website.

All of these courses are directly transferable to the University of Calgary and/or the University of Alberta. There is a full first-year transfer programme to both the University of Calgary and the University of Alberta. For information on transferability to universities outside of Alberta and for further information on transferability to the University of Calgary and the University of Alberta, contact the Department of Mathematics, Physics and Engineering or go to blogs.mtroyal.ca/engadvising.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF ENGINEERING UNIVERSITY TRANSFER PROGRAM

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria.

Academic course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Engineering – University Transfer program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1 – 65%
- Mathematics 31 – 65%
- Chemistry 30 – 65%
- Physics 30 – 65%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

Minimum Overall Average Required For Admission

To be eligible for admission on the basis of High School Standing, applicants must present a minimum admission average of 65% on their five appropriate grade 12 subjects.

To be eligible for admission on the basis of Post-secondary Standing, applicants must present a minimum Grade Point Average (GPA) of 2.50 on the 8 most recently completed post-secondary courses (minimum 24 credit hours).

BACHELOR OF SCIENCE – COMPUTER SCIENCE (UNIVERSITY TRANSFER)



GENERAL INFORMATION

This program offers the first two years of the University of Calgary's Bachelor of Science degree in Computer Science and allows students to transfer between one and two years of studies to other universities. Mathematical ability is necessary for success in this program because of its emphasis on theoretical computing science and mathematics.

Curriculum at Mount Royal University includes:

COMP 1631 – Introduction to Computer Science I
COMP 1633 – Introduction to Computer Science II
COMP 2613 – Introduction to Computability
COMP 2631 – Information Structures I
COMP 2633 – Foundations of Software Engineering
COMP 2655 – Computing Machinery I
COMP 2659 – Computing Machinery II
COMP 3649 – Programming Paradigms
MATH 1200 – Calculus for Scientists I
MATH 1203 – Linear Algebra for Scientists and Engineers
MATH 1271 – Discrete Mathematics
PHIL 1179 – Introduction to Symbolic Logic
Option
Option
Option

Non-science Option

Non-science Option

Non-science Option

Non-science Option

Non-science Option

Mathematics 1211 and English 2263 are recommended options. Information on requirements at various universities can be obtained from a computer science academic advisor. A few transferable courses such as introductory courses in computer science designed for non-majors, may not be accepted towards a degree by some universities.

Students are normally permitted to repeat a course only once.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF SCIENCE – COMPUTER SCIENCE UNIVERSITY TRANSFER PROGRAM

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria.

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Science – Computer Science program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1 – 65%

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of specified minimum grades will take place after all final/official transcripts have been received by the University. Applicants who do not meet these minimum grade requirements will be denied admission.

CERTIFICATE – ENVIRONMENTAL SCIENCE



GENERAL INFORMATION

This program provides a good basic training in environmental science. It is aimed at those individuals possessing on-the-job experience of an environmental nature and/or a post-secondary credential in a related field. A timetable may be able to be arranged to accommodate part-time and evening students who are employed full-time and who wish to broaden their background. Some courses may be able to be designed to allow students, in consultation with the instructor and advisor, to select specific topics to be covered during the course. These topics will be selected with the intent of making them relevant to the student's interests and needs.

Upon completion of the program, graduates with appropriate course work may be eligible to apply for certification by the Alberta Institute of Agrologists, the Alberta Society of Engineering Technologists, or the Canadian Environmental Certification Approvals Board.

Non-Certificate Students

Persons wishing to take certain courses in the program but not intending to obtain a certificate may register for those courses with the permission of the academic advisor.

ADMISSION REQUIREMENTS – ENVIRONMENTAL SCIENCE – CERTIFICATE

- Alberta High School Diploma or 18-years-of-age by September 1 for the Fall Semester to which the applicant is applying.
- Enrolment is restricted to persons with experience in environmental management and/or related fields.
- Students interested in this program should speak with the academic advisor.

Note: Entrance to the certificate program is based on consent of the department. Students may progress at their own rate; however, it is recommended that the certificate requirements be completed within three years. Laboratory requirements will depend upon the student's background. Enrolment may be limited in the program.

CURRICULUM

This program is offered on a part-time basis and may take more than one year to complete.

Certificate – Environmental Science Courses

- ENVS 3303 – Life Cycle Assessment
- ENVS 3323 – Watershed Management
- ENVS 4405 – Air Quality
- ENVS 4407 – Pollution Prevention: Toward Zero Emissions
- ENVS 4431 – Management of Residuals
- ENVS 4433 – Quality Assurance/Quality Control
- Approved Option
- Approved Option
- Approved Option
- Approved Option

Select Approved Options

- ECOL 2219 – Aquatic Ecology
- ENVS 2201 – Introduction to Industrial Ecology
- ENVS 3307 – Air Pollution Monitoring.
- ENVS 3315 – Applied Instrumentation
- ENVS 3321 – Water Pollution and Surface Water Analysis
- ENVS 3333 – Groundwater Contamination
- ENVS 3335 – Issues in Environmental Assessment
- ENVS 4413 – Principles of Eco-Industrial Development
- ENVS 4417 – Design for the Environment
- ENVS 4419 – Regulatory Management
- ENVS 4423 – Market Based Initiatives
- ENVS 4441 – Site System Remediation Design

FACULTY OF TEACHING AND LEARNING



PROGRAMS OFFERED

Bachelor of Education — Elementary
General Education

FACULTY INFORMATION

Department, Faculty of Teaching and Learning: 403.440.6042

Department, Education and Schooling: 403.440.7729

Department, General Education: 403.440.5935

Faculty, Faculty of Teaching and Learning: 403.440.5989

Dean, Faculty of Teaching and Learning

J. Zimmer: 403.440.7204

Chair, English and Schooling

I. Naested: 403.440.6428

Chair, General Education

K. Dharamsi: 403.440.8658

Director, Academic Development Centre

T. Matus: 403.440.6764

Manager, Learning Technologies

A. Veinotte: 403.440.7253

Media Production Team Lead

A. Gruber: 403.440.7232

START Program Lead

E. Igobwa: 403.440.6476

BACHELOR OF EDUCATION



PROGRAM OFFERED

Bachelor of Education – Elementary

GENERAL INFORMATION

The Bachelor of Education – Elementary is a four (4) year baccalaureate degree program that prepares its graduates for certification under the Professional Standards Branch of Alberta Education. The program is both course and experience based, with courses deliberately arranged to generate synergy among them. The curriculum is designed to create a holistic experience for education students in their understanding of teaching, learning and assessment. Students graduate with an evolving teaching philosophy based on opportunities to research, discuss and critically analyze aspects of education and schooling throughout the program. Several courses, both core and elective, require students to participate in relevant classroom experiences in the community. In addition, two practicum experiences are featured in the final years of study. Students may also complete a Minor in Teaching English as a Second Language (TESL) and other minors presently available and under development. The Bachelor of Education program responds to recurrent calls for an increase in aboriginal teachers, in part by direct entry into the program and by dedicating seats in the education courses.

Continuance in the Program

A student who remains in Good Standing is eligible to continue in their program of studies.

NOTE: See 'Additional Curriculum Requirements' section for possible restrictions.

Student Conduct

The Code of Student Conduct is intended to establish the general obligation to maintain the highest standards of academic honesty and personal conduct according to community standards of respectful and responsible behaviour. Go to mtroyal.ca/CampusServices/CampusResources/StudentConduct/ for complete information.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this calendar.

ADDITIONAL ADMISSION REQUIREMENTS – BACHELOR OF EDUCATION – ELEMENTARY

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

The following specific courses (or equivalencies) with the specified minimum grades are required for admission into the Bachelor of Education program:

- English Language Arts 30-1 – 60%
- Mathematics 30-1 or 30-2 or a second Language 30

A copy of a recently completed (dated within the admissions cycle of the application) Police Security Clearance letter, as a condition of admission to the program. All costs related to the clearance letter(s) are the responsibility of the student. For application details, please refer to: calgarypolice.ca/faq.html#1. Students are strongly advised to apply as early as possible to avoid any delay in your admission.

Application Deadline: February 1

The application for admission and all supporting documents (required for admission assessment) must be received by this date.

Aboriginal Student Admission

Each year up to 7% of the seats in the Bachelor of Education – Elementary program will be reserved for aboriginal applications through an aboriginal admission target. To be considered for admission under the aboriginal admission target, the applicant must:

- self-identify as an Aboriginal applicant on the Application for Admission
- meet the definition of an Aboriginal Applicant
- meet the minimum admission requirements as indicated in the general admission requirements for Mount Royal University as well as any program level admission requirements

Designated seats for this special consideration target will be filled by aboriginal applicants on a competitive basis. Applicants are encouraged to apply during early admission December 1 – February 1. Any unfilled designated seats will be released on June 1 to students applying under the general admission requirements.

See general admission requirements in the Admission section of this calendar for further information.

SAMPLE CURRICULUM

Bachelor of Education – Elementary

Year One

EDUC 1231 – The Teacher: Professional Dimensions I

EDUC 1233 – The Teacher: Professional Dimensions II

Education Elective

Elective (can be used toward a minor)

General Education Requirement Cluster 1, Foundation

General Education Requirement Cluster 2, Foundation

General Education Requirement Cluster 3, Foundation

General Education Requirement Cluster 4, Foundation

Subject Minor Non-Education course

Subject Minor Non-Education course

Year Two

EDUC 2321 – The Learner: Ed. & Individual Development

EDUC 2325 – The Community: Understanding Current & Emerging Pedagogical Technologies

EDUC 2371 – The Learner: Lang. Dev. & Literacy

Elective (can be used toward a minor)

General Education Requirement Cluster 1, Tier 2

General Education Requirement Cluster 2, Tier 2

General Education Requirement Cluster 3, Tier 2

General Education Requirement Cluster 4, Tier 2

Subject Minor Non-Education course

Subject Minor Non-Education course

Year Three

EDUC 3323 – The Learner: Effective Assessment – Measurement & Evaluation

EDUC 3361 – The Learner: Exceptional Students, Special Needs, & Inclusive Schooling

EDUC 4010 – Practicum I – 5 weeks

Four Program of Studies Curriculum Instruction courses from EDUC 4101, 4102, 4103, 4104, 4105, 4106, 4107 or 4108

Education Elective

Elective (can be used toward a minor)

Subject Minor Non-Education courses

Year Four

EDUC 4201 – The Professional Teacher: Integrating Ideas, Values and Praxis (capstone course)

EDUC 4020 – Practicum II (9 weeks)

Four Program of Studies Curriculum Instruction courses from EDUC 4101, 4102, 4103, 4104, 4105, 4106, 4107 or 4108

EDUC Elective

Elective (can be used toward a minor)

Subject Minor Non-Education courses

* It is strongly recommended that all students consult with the Education Advisor to ensure that all teacher certification requirements are also satisfied with appropriate course selections throughout this degree.

Additional Curriculum Requirements

For students in the Bachelor of Education – Elementary program, completion of course requirements and eventual employment in the field of education are dependent upon the clear results of the Police Security Clearance letter. Students will be required to complete more than one clearance letter during their program of studies. If a student is denied a placement as a result of the Police Security Clearance letter requirement, they are then not able to meet course requirements and will be required to withdraw from the program.

Students enrolled in the Bachelor of Education – Elementary program are also bound by, and shall comply with, the Alberta Teacher's Association Professional Code of Conduct. Issues of non-compliance will warrant the student being required to withdraw from the program. This would apply to egregious issues such as situations of abuse of professional power or potential breaches of the Criminal Code.

Students must achieve a minimum of 'B' grade in EDUC 1231 and EDUC 1233 courses. Grades below a 'B' grade must be replaced by repeating the course before students may progress to any further education courses.

General Education

For course information, visit mtroyal.ca/gened/courses. Students are encouraged to meet with an advisor before registering in courses.

GRADUATION REQUIREMENTS

Eligibility to graduate from a Mount Royal program requires that a student meet all of the following conditions: (a) has been officially admitted into the program; (b) has completed at least 25% of the graduation requirements as a student within the program; (c) has met the residency requirement; (d) satisfies all program requirements specified in the curriculum at the time of admission to the program or the current program; (e) meets the requirements for Good Standing at the time the application to graduate is evaluated. Exceptions to any of these conditions must be approved, in writing, by the Dean of the program from which the student is applying to graduate.

GENERAL EDUCATION



GENERAL EDUCATION

General Education at Mount Royal is a consciously structured pursuit of the aims of what has traditionally been known as 'liberal education'. It ensures students achieve both breadth and depth in the skills and knowledge that are relevant to the world in which they will live. Thus, General Education provides students with the opportunity to build their ability to think critically, develop their communication and mathematical skills, stimulate their capacities for creative, innovative thinking, and enrich their knowledge of the wider social, cultural, and natural worlds in which they will live and work.

General Education at Mount Royal recognizes that undergraduate education should also strive to enrich the individual's life and benefit society apart from the requirements of employment. It should, in particular, foster knowledge and a strong reflective capacity with respect to the social, cultural, and scientific matters of importance to both the individual and the communities in which they live.

General Education courses are organized into four thematic clusters:

- Cluster 1 – Numeracy & Scientific Literacy
- Cluster 2 – Values, Beliefs & Identity
- Cluster 3 – Community & Society
- Cluster 4 – Communication

Each thematic cluster has three different tiers: foundation tier, tier two, and tier three.

In total, students registered in baccalaureate programs at Mount Royal are normally required to take 12 General Education courses as part of their degree. Normally, the sequence within a baccalaureate degree is as follows:

Foundation Tier (4 courses)

- Choose one course from each cluster.
- Within first 10 courses: Numeracy & Scientific Literacy (Cluster 1)
- Communication (Cluster 4)
- Within first 20 courses: Values, Beliefs & Identity (Cluster 2)
- Community & Society (Cluster 3)

Second Tier (4 courses)

- Choose one course from each cluster.

Third Tier (4 courses)

- Choose courses from at least two clusters.

Transfer Credit

Transfer credit is available for students with prior university-transferable post-secondary coursework.

General Education Courses

There is a wide variety of courses that will satisfy the requirements for General Education. Full descriptions of these courses are listed in the course description section of the calendar or on-line at mtroyal.ca/gened/courses

INSTITUTE FOR SCHOLARSHIP OF TEACHING AND LEARNING

The Institute for Scholarship of Teaching and Learning builds on Mount Royal's long-standing commitment to academic excellence by encouraging and facilitating scholarly inquiry related to teaching and learning. The activities of the Institute are intended to increase our understanding of student learning; inform and enhance teaching practice; encourage collaborative and interdisciplinary scholarship related to teaching and learning; and contribute to the knowledge base around teaching-learning practices in higher education. General Information

	Numeracy & Scientific Literacy 	Values, Beliefs and Identity 	Community and Society 	Communication 
Foundation Tier Take four courses – one from each thematic cluster	<i>Take one of:</i> GNED 1101 GNED 1102 Normally taken within first 10 courses	<i>Take one of:</i> GNED 1201 GNED 1202 GNED 1203 Normally taken within first 20 courses	<i>Take one of:</i> GNED 1301 GNED 1304 Normally taken within first 20 courses	<i>Take one of:</i> GNED 1401 GNED 1403 Normally taken within first 10 courses
Tier Two Take four courses – one from each thematic cluster	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*
Tier Three Take four courses; choose from at least two thematic clusters	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*	Students Choose from Approved Gen Ed Options*
Students normally take a total of 12 approved General Education courses. *Inventory of approved General Education options: mtroyal.ca/gened/courses				

MINORS



Choosing a minor allows students to focus on a secondary area of interest to their major. Students should consider a minor if they have more than one main interest or if they want to connect two areas of study (for example, a major in Spanish with a minor in Linguistics, or a major in Business with a minor in Economics).

- A minor is recorded on the transcript but does not appear on the parchment.
- The number of required courses for a minor can vary between six and ten courses.
- Double minors are possible.
- Students can complete a minor outside of their faculty (e.g., Biology major with an Anthropology minor).
- Students may not graduate with a major and a minor in the same discipline (e.g., English major with an English minor).
- Normally, a student cannot use a core requirement for a major to satisfy the requirement for a minor. The only exception is within an interdisciplinary degree (e.g., Business or Science).
- Students can use courses that satisfy General Education and/or elective requirements to complete a minor or double minor.
- Graduating with a minor requires a cumulative GPA of 2.00.
- Students must declare their intention to complete a minor. The form is available at the Office of the Registrar or online at mtroyal.ca/AcademicSupport/StudentRegistrationRecords/StudentForms

Students planning to complete a minor should check with an Advisor early in their studies, so that they can ensure that they meet all requirements before graduation. Most courses at the 3000 and 4000 level have prerequisites, so students should consider those prerequisites when selecting their 1000 and 2000 level courses.

MINOR IN ANTHROPOLOGY

Required courses:

At least two ANTH courses at the 3000 or 4000 level

Three additional ANTH courses, of which only one can be at the 1000 level

One of:

ANTH 1103 – Introduction to Cultural Anthropology

ANTH 1106 – Introduction to Linguistic Anthropology

One of the following course groupings:

ANTH 1102 – Introduction to Biological Anthropology **and either**

ANTH 1104 – Introduction to Archaeology **or**

ANTH 1105 – Ancient Peoples and Places

or

ANTH 1104 – Introduction to Archaeology **and either**

ANTH 1101 – Introduction to Primatology **or**

ANTH 1102 – Introduction to Biological Anthropology

MINOR IN ART HISTORY

Required courses:

ARTH 1101 – The History of Art: Prehistory to Renaissance

ARTH 1103 – The History of Art: Renaissance to the Present

ARTH 3315 – Art and Ideas

At least one course at the 4000 level

Four additional ARTH courses at the 2000 level or higher

MINOR IN BIOLOGY

In general, minors allow students to obtain recognition for achieving some level of expertise in a discipline outside of their major, and thus contribute to a broad-based education. The biology minor is based on the following general requirements: 8 to 10 courses from the department of Chemical and Biological Sciences, including a maximum of 3 courses at the 1000-level, and a minimum of 2 biology or microbiology courses at the 3000-level or higher. A minimum GPA of 2.00 is required in the courses comprising the minor. Although only one Biology minor is offered, students will need to follow an area of interest within the minor in order to obtain a minimum of 2 courses at the 3000-level or higher. This is due to the multiple prerequisite course requirements which exist for most senior-level biology courses.

Students in one of the two majors Cell and Molecular Biology OR Health sciences are not eligible for a minor in Biology.

Students interested in Physiology are advised to take:

BIOL 1202 – An Introduction to Cell Biology
 BIOL 2101 – Genetics
 BIOL 2202 – Cellular and Molecular Biology
 BIOL 2203 – Human Anatomy
 BIOL 3104 – Human Physiology I
 BIOL 3205 – Human Physiology II
 CHEM 1201 – General Chemistry I
 CHEM 1202 – General Chemistry II

Students interested in Cellular/Molecular Biology are advised to take:

BCEM 2201 – General Biochemistry
 BIOL 1202 – An Introduction to Cell Biology
 BIOL 2101 – Genetics
 BIOL 2202 – Cellular and Molecular Biology
 CHEM 1201 – General Chemistry I
 CHEM 1202 – General Chemistry II
 CHEM 2101 – Organic Chemistry I
 MIBI 2201 – Microbiology

Plus two of the following:

BIOL 3101 – Molecular Genetics
 BIOL 3102 – Intermediate Cell Biology
 BIOL 3203 – Genomes
 MIBI 3105 – Medical Microbiology

Students interested in General Biology are advised to take:

BIOL 1202 – An Introduction to Cell Biology
 BIOL 1204 – The Evolution of Eukaryotes
 Plus two – four BIOL courses at the 2000-level
 Plus two – four BIOL courses at the 3000-level or higher for a minimum of eight courses

MINOR IN BUSINESS

The minor in Business provides a general overview of the business environment to students in degree programs outside of the Bissett School of Business. Through exposure to the major functional areas in business, students will be able to supplement their discipline studies as they prepare to launch their careers following graduation. This minor is not available to students enrolled in the BBA.

Required Courses:

ACCT 2121 – Financial Accounting Concepts
 HRES 2170 – Introduction to Human Resources
 MGMT 2130 – Management Principles & Practices
 MKTG 2150 – Introduction to Marketing
 Plus any three (3), 3000-level or higher course offered by the Bissett School of Business

MINOR IN BUSINESS AND SOCIETY

This minor explores the relationship between business and society at large and how business and society influence one another. Students will examine the different roles that an organization can play relating to all of the various stakeholders in a constantly changing environment.

Required Courses:

ENTR 3370 – Society, Innovation and Enterprise
 INBU 2201 – Cross Cultural Management
 MGMT 4402 – Corporate Social Responsibility
 MGMT 4403 – Environmental Management & Sustainable Development
 MGMT 4407 – Governance & Ethical Issues in Organizations
 PHIL 2229 – Business Ethics

MINOR IN BUSINESS OF SPORT AND RECREATION

The minor in Business of Sport and Recreation provides a general overview of the organization, management and leadership of the sport and recreation industry. This will include a focus on all elements of the industry including amateur sport, community recreation and professional sport among others. Students will learn about the unique elements of this industry and how they can best prepare themselves to be leaders in it.

The minor is composed of three required courses and three options, for a total of 6 courses.

Required Courses:

ENTR 2301 – The Entrepreneurial Experience
 PHED 1203 – Organization and Administration of Sport and Recreation
 PHED 1216 – Program Planning for Physical Activity and Sport

Students are required to take any three of the following:

ACCT 2121 – Financial Accounting Concepts
 ENTR 3302 – Innovation and Creativity for Entrepreneurial Practice
 MGMT 3210 – Business Communication Theory and Practice
 MGMT 3230 – Business Law
 MKTG 2150 – Introduction to Marketing
 MKTG 3258 – Marketing Research
 PHED 2261 – Facility Development and Organizing Special Events
 PHED 4267 – Issues and Trends in Sport and Recreation
 RECR 1203 – Recreation and Community Development
 RECR 1207 – Commercial Recreation
 RECR 2217 – Recreation and Sport Tourism

MINOR IN CANADIAN STUDIES

Required courses:

CNST 1131—Introduction to Canadian Studies

Six courses from the following list, with at least one course from each of groups 1, 2, and 3. At least four of these courses must be at the 2000 level or higher

Group 1: Artistic and Literary

At least one of ARTH 2205, ENGL 2270, ENGL 2271, ENGL 3256, ENGL 3372, FILM 3349, LING 2241, All courses designated FREN.

Group 2: Historical and Political

At least one of CNST 2233, CHST 3301, ECON 2255, HIST 1131, HIST 1133, HIST 2208, HIST 2209, HIST 2210, HIST 2215, HIST 2232, HIST 2247, HIST 3356, HIST 4404, HIST 4455, NPRO 2201, POST 3303, PLSC 1123, PLSC 2229, PLSC 2231.

Group 3: Cultural and Societal

At least one of CRJS 1003, CRJS 1013, CRJS 2004, GEOG 2225, HIST 3306, HIST 3319, HIST 3345, HIST 3383, INST 1101, INST 2730, SLGY 2265, SLGY 3317, WMST 2221.

CNST 3730—Canadian Issues in Context

MINOR IN CHEMISTRY

Chemistry is the central science, and has wide applications throughout society. Many students want to gain a deeper understanding of the molecular processes behind the machinery of life. Others enjoy the kinaesthetic learning, the opportunity to get into the laboratory and see how science is practiced in a practical setting. Some are interested in the theoretical aspects of chemistry, how mathematics and computers can be used to design the newest materials and pharmaceuticals to improve the quality of life for people throughout the world.

Students that choose a minor in Chemistry will receive a mixture of classroom and practical laboratory instruction in a number of different subdisciplines of their choice. Students may choose courses in Organic, Inorganic/Materials, Physical, Analytical, or Biochemistry, or a mixture of all of the above. This flexibility allows students to personalize their program to their interest and abilities. To receive a minor in Chemistry, students must take a minimum of eight (8) approved courses, including Chemistry 1201 and Chemistry 1202. No more than three (3) Chemistry / Biochemistry courses may be at the 1XXX level, and at least two (2) must be at the 3XXX or 4XXX level.

Year 1

CHEM 1201 – General Chemistry: Structure and Bonding

CHEM 1202 – General Chemistry: Introduction to Quantitative Chemistry

Additional courses in Mathematics and/or Physics (see below*)

Year 2

2 Approved Courses in Chemistry/Biochemistry

Additional courses in Mathematics and/or Physics (see below*)

Year 3

2 Approved Courses in Chemistry/Biochemistry

Year 4

2 Approved Courses in Chemistry/Biochemistry

* Many of the approved courses require additional prerequisites in Mathematics or Physics. See the Calendar or an Advisor for more information.

Approved Courses (as of September 2012):

Biochemistry:

BCEM 2201 – General Biochemistry

BCEM 3201 – Protein Biochemistry

BCEM 3202 – Enzymes and Metabolic Systems

BCEM 4212 – Biochemical Pharmacology

Chemistry:

CHEM 1203 – An Introduction to Organic Chemistry

CHEM 2101 – Organic Chemistry I

CHEM 2102 – Organic Chemistry II

CHEM 2205 – Computers in Chemistry

CHEM 2211 – The Chemistry Between Us

CHEM 2301 – Analytical Chemistry I: Quantitative Analysis

CHEM 2302 – Analytical Chemistry II: Introduction to Instrumental Analysis

CHEM 3103 – Advanced Organic Synthesis

CHEM 3201 – Spectroscopy

CHEM 3401 – Solid State

CHEM 3601 – Thermodynamics

CHEM 3602 – Elementary Quantum Mechanics

CHEM 3801 – Nuclear Chemistry

CHEM 3802 – The Science and Politics of Nuclear Energy

CHEM 4213 – Drug Discovery

CHEM 5201 – Independent Projects I

CHEM 5202 – Independent Projects II

NOTE: The approved course list that appears here is valid as of September 2012. Approved courses may change periodically, so please see the advisor for the latest list.

NOTE: Please see the Calendar for more information about these courses, including course descriptions and pre-requisites.

MINOR IN COMPUTER INFORMATION SYSTEMS

A Minor in Computer Information Systems provides a powerful option to students who wish to pursue a degree in a non-computer related field of study and be equipped with a significant understanding of information and computer technology as they head out into the workplace. The Minor in Computer Information Systems consists of the following: a set of four core courses and a number of conceptually linked courses ("Areas of Interest"). The student is required to take the core courses and then choose courses from one area of interest or from a combination of areas in order to attain a total of eight to ten courses of which at least two courses must be 3000 level or above.

Required Courses:

COMP 1001 – Introduction to Computer-Based Problem Solving for the Sciences **or**

COMP 1501 – Programming I: Introduction to Problem Solving and Programming

COMP 1502 – Programming II: Object Oriented Programming

COMP 1511 – Web I: Client Development

COMP 2521 – Database I: Data Modeling and Query Languages

Development/Web Area of Interest:

COMP 2503 – Programming III: Data Structures

COMP 2541 – Systems Analysis

COMP 3504 – Programming IV: Best Practices in Design and Development

COMP 3512 – Web II: Web Application Development

COMP 3551 – GUI Development

COMP 4513 – Web III: Advanced Internet Application Development

COMP 4553 – Human Computer Interaction

COMP 4555 – Games Development

Network/Security Area of Interest:

COMP 2531 – Computer Architecture and Operating Systems

COMP 3532 – Systems Administration and Maintenance

COMP 3533 – Network Infrastructure and Security

COMP 4535 – Computer Security

Analyst Area of Interest:

COMP 2541 – Systems Analysis

COMP 3307 – Computing Applications in Small Business and Entrepreneurship

COMP 4543 – Project Management and Quality Assurance

COMP 4545 – Information Systems Organization

MGMT 3265 – Management Information Systems

MINOR IN ECONOMICS

Required courses:

ECON 1101 – Principles of Microeconomics

ECON 1103 – Principles of Macroeconomics

ECON 2211 – Intermediate Economic Theory – Microeconomics I

ECON 2213 – Intermediate Economic Theory – Macroeconomics I

ECON 3395 – Introduction to Applied Econometrics

Three additional ECON courses at the 2000 level or higher

MINOR IN ENGLISH

Required courses:

ENGL 1101/GNED 1401 or 1402 or 1403

One 1000 level English course

Two 3000-level or higher English courses

Four additional 2000-level or higher English courses

****Note:** ENGL 2210 – English Literature to the Restoration and ENGL 2211 – English Literature from the Restoration to the Present are highly recommended, as they are prerequisites for many 3000 level courses.

MINOR IN FILM STUDIES

Required courses:

FILM 1143 – Introduction to the Study of Film

Two 3000-level or higher FILM courses

One of:

ARTH 1101 – The History of Art: Prehistory to Renaissance

ARTH 1103 – The History of Art: Renaissance to the Present

One of:

HIST 2291 – Film and History

ARTH 2207 – Curious Narratives

ARTH 2209 – History of Modern Art from 1850 to 1920

Students may select their remaining courses from FILM or from the following:

ARTH 2207 – Curious Narratives

ARTH 2209 – History of Modern Art from 1850 to 1920

ANTH 2243 – Anthropology Through Film

COMM 3521 – The Documentary

ENGL 3305 – Script Writing

HIST 2291 – Film and History

FREN 3343 – Francophone Cinema

SPAN 3312 – Hispanic Cinema

MINOR IN FINANCE

This minor will appeal to students who wish to supplement their degree with a focused study of finance. The combination of theory and application helps prepare students for career options in analysis, corporate or public finance, and provides a foundation for the pursuit of professional designations relative to the world of finance.

Required courses:

ACCT 2121 – Financial Accounting Concepts

FNCE 3227 – Introduction to Finance

FNCE 3228 – Advanced Corporate Finance

FNCE 2132 – Introduction to the Stock Market

FNCE 3302 – International Finance

FNCE 4407 – Investment Principles

FNCE 4408 – Financial Risk Management

FNCE 4409 – Securities Analysis and Valuation

MINOR IN FINANCE AND ECONOMICS

A joint offering of the Bissett School of Business and the Faculty of Arts, this minor will appeal to the student who recognizes the synergies between these two disciplines. A combination of theory and applied knowledge, this minor can be pursued by any degree student in the university.

Required courses:

ACCT 2121 – Financial Accounting Concepts
 ECON 1101 – Principles of Microeconomics
 ECON 1103 – Principles of Macroeconomics
 FNCE 3227 – Introduction to Finance

Plus any four (4) of the following, at least one must be chosen from this group:

ECON 2213 – Intermediate Economic Theory Macroeconomics I
 ECON 2221 – International Trade
 ECON 2229 – International Money and Finance
 ECON 2241 – Money and Banking
 ECON 2255 – Canadian Public Finance

At least one must be chosen from this group:

FNCE 2132 – Introduction to the Stock Market
 FNCE 3302 – International Finance
 FNCE 4407 – Investment Principles
 FNCE 4408 – Financial Risk Management
 FNCE 4409 – Securities Analysis and Valuation

MINOR IN FINANCIAL SERVICES

This series of courses offer the principles of financial services in a variety of financial planning positions which students can apply to banking, investment or insurance. In completion of all courses, students are prepared to write the examinations leading to the CFP (Certified Financial Planner) designation. Career options include financial planner, mutual fund broker or investment adviser.

Required Courses:

FNCE 3201 – Retirement Planning
 FNCE 3203 – Income Tax Planning
 FNCE 3205 – Strategic Investment Planning
 FNCE 3207 – Risk Management & Estate Planning
 FNCE 3301 – Canadian Securities Course I
 FNCE 3303 – Canadian Securities Course II

Plus any three (3) of the following:

FNCE 2132 – Introduction to the Stock Market
 FNCE 3302 – International Finance
 FNCE 4407 – Investment Principles
 FNCE 4408 – Financial Risk Management
 FNCE 4409 – Securities Analysis and Valuation
 INSR 2140 – Principles and Practices of Insurance
 MKTG 2154 – Professional Selling

MINOR IN FRENCH

Required courses:

FREN 2235 – Second-Year University French I
 FREN 2237 – Second-Year University French II
 FREN 3341 – French Composition

Two additional FREN courses at the 3000 or 4000 level

Three additional FREN courses

**** Note: FREN 1109 and 1111 are not part of the French minor. Students taking courses in French are subject to placement testing, and courses required for the minor vary depending on placement test results. Students are encouraged to check their proficiency level by taking the on-line placement test: breeze.mtroyal.ca/p56368710. For more information, students should contact the Department of Languages and Cultures.**

MINOR IN GENERAL SCIENCE FOR ELEMENTARY EDUCATION

The Minor in General Science for Elementary Education will provide students with classroom and practical laboratory instruction that will help them feel more comfortable teaching science in the elementary classroom. NTSC 3000 is a required course where each week students will perform labs based on the Alberta Learning elementary science curriculum, and they will have practice designing and testing their own lab experiences. Within the minor, students will take courses from a variety of scientific disciplines, reflecting the interdisciplinary design of the elementary science curriculum.

Students planning to complete a minor in General Science should check with an Advisor early in their studies so that they can ensure that they meet all requirements before graduation. Some of the courses in the minor have prerequisites, so students should consider these prerequisites when selecting their courses.

Specific Requirements:

Students **MUST** be enrolled in the Bachelor of Education - Elementary degree program

Six courses total including:

Required course: NTSC 3000 - Experimental Science for Elementary Education (has prerequisites, see Calendar for more information)

A minimum of two (2) courses from List A

The other three (3) courses can come from either List A or List B.

List A Courses:

BIOL 1202 – Introduction to Cell Biology
 CHEM 1201 – General Chemistry – Structure and Bonding
 ECOL 1210 – Ecology
 GEOL 1101 – Physical Geology
 PHYS 1201 – Classical Physics I

List B Courses:

ASTR 1101 – The Solar System
 ASTR 1103 – The Universe at Large
 BIOL 1205 – The Organization and Diversity of Life
 BIOL 2309 – Plants and People
 CHEM 1203 – An Introduction to Organic Chemistry
 CHEM 2211 – The Chemistry Between Us
 COMP 1001 – Introduction to Computer-Based Problem Solving for the Sciences

GEOG 1101 – The Physical Environment
 GEOG 1105 – Introduction to Mapping, GIS and Remote Sensing
 GEOL 1109 – Introduction to Geology
 NTSC 1112 – An Introduction to Current Environmental Issues
 PHYS 1104 – Everyday Physics – A Conceptual Introduction

NOTE: This minor is restricted solely to students enrolled in the Bachelor of Education - Elementary Education program. Students do not have to declare a minor until they are ready to apply for graduation, at which point students who have taken the requisite courses and completed the requirements for a Minor in General Science for Elementary Education will have the minor recorded on their transcripts. For current information on declaring a minor please go to mtroyal.ca/headvised/mydegree.

MINOR IN GEOGRAPHY

The Geography Minor requires a minimum of 7 Geography courses

Three required first year courses:

GEOG 1101 – Physical Environment
 GEOG 1103 – Human Environment
 GEOG 1105 – Introduction to Mapping, GIS and Remote Sensing

One of the following:

GEOG 2107 – Weather and Climate
 GEOG 2109 – Soil Characteristics and Formation
 GEOG 2111 – Landform Processes and Morphology
 GEOG 2553 – Geographic Information Systems
 GEOG 2555 – Remote Sensing

One of the following:

GEOG 2225 – Regional Geography of Canada
 GEOG 2230 – Regional Geography of Europe
 GEOG 2333 – Economic Geography
 GEOG 2337 – Political Geography
 GEOG 2445 – Environmental Problems and Resource Management

One of the following:

GEOG 3107 – Advanced Biogeography (Prerequisite: GEOG 2107; 2109; or 2111)
 GEOG 3109 – Overseas Field Study in Physical Geography
 GEOG 3309 – Overseas Field Study in Human Geography
 GEOG 3445 – Global Environmental Issues (Prerequisite: GEOG 2333; 2337; or 2445)
 GEOG 3553 – Spatial Analysis and GIS (Prerequisite: GEOG 2553 or 2555)

And one other geography course from the list above or one of the following:

GEOG 1102 – World Regional Geography
 GEOG 2335 – Introduction to Urban Geography
 GEOG 2443 – Tourism and Recreation Geography
 GEOG 2437 – Biogeography
 GEOG 3129 – Advanced Physical Overseas Field School
 GEOG 3329 – Advanced Human Overseas Field School

MINOR IN HISTORY

Required courses:

One 1000 level HIST course from at least two of the following areas (maximum four 1000 level courses):

- Canadian History
- European History
- American History

Four to six additional HIST courses at the 2000 level or above, of which at least two must be at the 3000 or 4000 level. (For a total of eight HIST courses in the minor)

MINOR IN HUMANITIES

Required courses:

At least one of:

RELS 1101 – World Religions: Western
 RELS 1103 – World Religions: Eastern
 RELS 1105 – The Nature of Religion

At least one of:

PHIL 1101 – Philosophy: Knowledge and Existence
 PHIL 1149 – Philosophy: Values and Ethics

At least one of:

HIST 1101 – Europe to 1500
 HIST 1103 – Europe Since 1500
 HIST 1111 – South Asia and the Indian Ocean
 HIST 1117 – America to 1865
 HIST 1119 – The United States: 1865 to the Present
 HIST 1131 – Canada: Origins to 1867
 HIST 1133 – Modern Canada

One of:

ENGL 2210 – English Literature to the Restoration
 ENGL 2211 – English Literature from the Restoration to the Present

Four additional courses, two of which must be 3000 or 4000 level from applicable courses in Philosophy, History, Religious Studies, Humanities, Art History, Canadian Studies, Women's Studies, Romance Studies, Music and English (for a total of eight courses in the minor). For a list of applicable courses in the above areas, please consult an advisor.

****Note:** A maximum of four courses at the 1000 level may be counted as part of this minor.

MINOR IN HUMAN RESOURCES

The minor in Human Resources provides a general overview of the human resource discipline for students in degrees outside of the Bissett School of Business. This minor exposes students to introductory and advanced topics in the field of human resources. Students enrolled in the BBA – General Management major may also choose to complete a minor in Human Resources.

Required Courses:

HRES 2170 – Introduction to Human Resources
 HRES 3278 – Employee Relations

Plus any other four (4), 3000-level or higher HRES course.

MINOR IN INNOVATION AND ENTREPRENEURSHIP

The minor in Entrepreneurship focuses on the attitudes, behaviours and skills necessary to launch and grow a wide variety of opportunities. This unique and highly experiential educational offering of six specialised and highly integrated courses reflects best practices in entrepreneurship education. These courses, which focus on developing entrepreneurial thinking, creativity and innovation, make up an intense and challenging experience during which students discover and pursue their passions and gain relevant experience for developing opportunities within existing for-profit and non-profit organizations and business start-ups. Mount Royal has been offering courses in entrepreneurship since 1995. Career options include management positions in private or public organizations, business owner, operator, or business venture analyst.

Required Courses:

ENTR 2301 – Innovation and the Entrepreneurial Experience

ENTR 4331 – Idea to Opportunity

Plus any four (4) of the following:

ENTR 3302 – Creativity for Entrepreneurial Practice

ENTR 3305 – The Art of the Pitch

ENTR 3370 – Society, Innovation and Enterprise

ENTR 4332 – Venture Launch

ENTR 4343 – Growing the Enterprise

ENTR 4344 – Corporate Innovation and Entrepreneurship

ENTR 4433 – Business Plan Development

NPRO 3305 – Agents of Social Change

MINOR IN INTERNATIONAL BUSINESS

A series of international business courses has been designed for students who want to participate in the global economy, international trade, marketing goods and services internationally, increasing the competitiveness of an organization through co-operation with foreign partners or suppliers or even establishing a business venture beyond Canadian borders. In the completion of these international business courses, students have an opportunity to earn a Forum for International Trade Training diploma.

Required Courses:

INBU 2201 – Cross Cultural Management

INBU 3301 – Global Business Environment

INBU 3302 – International Marketing

Plus any five (5) of the following:

CNST 2233 – Canada in Comparative and International Perspective

FNCE 3302 – International Finance

INBU 3304 – Global Supply Chain Management

INBU 3305 – International Market Entry Strategy

INBU 3306 – International Trade Research

INBU 3307 – International Trade Law

INBU 4408 – International Trade Management

PLSC 3485 – The Politics of the International Economic Order

PLSC 3489 – Foreign Policies of the Major Powers

Any Language course

MINOR IN INTERNATIONAL BUSINESS AND ECONOMICS

This is an interdisciplinary minor that will give the students a theoretical and practical perspective on an area that can only grow in importance in an increasingly globalized world market. Students will benefit from the opportunity to study the interrelated fields of International Business and Economics.

Five of the following (at least one must be chosen from this group):

ECON 2229 – International Money and Finance

ECON 2221 – International Trade

ECON 2261 – Development Economics **OR**

ECON 2263 – Development Economics – Field School Program

At least one must be chosen from this group:

FNCE 3302 – International Finance

INBU 3302 – International Marketing

INBU 3305 – International Market Strategies

INBU 3306 – International Trade Research

INBU 3307 – International Trade Law

INBU 3730 – Special Projects in International Business

INBU 4408 – International Trade Management

MINOR IN LINGUISTICS

Required courses:

LING 1111 – The Nature of Language I

LING 1113 – The Nature of Language II

LING 2201 – Syntax I

Five additional LING courses, of which two must be at the 3000 level or higher

MINOR IN MARKETING

The minor in Marketing provides a general overview of the marketing discipline for students in degree programs outside of the Bissett School of Business. This minor exposes students to introductory and advanced topics in the field of marketing. Students enrolled in the BBA – General Management major may also choose to complete a minor in Marketing.

Required Courses:

MGMT 2262 – Business Statistics I

MKTG 2150 – Introduction to Marketing

MKTG 3150 – The Science of Persuasion

MKTG 3258 – Evidence-Based Marketing

Plus any two (2) of the following:

Any marketing course (MKTG)

INBU 3302 – International Marketing

MINOR IN MATHEMATICS

The student is required to take the three core courses and then choose four courses from the approved Mathematics option in order to attain a total of seven courses of which at least two courses must be 3000 level or above.

Required courses:

MATH 1200 – Calculus for Scientists I

MATH 1202 – Calculus for Scientists II

MATH 1203 – Linear Algebra for Scientists and Engineers

Approved Options:

MATH 1271 – Discrete Mathematics

MATH 1505 – Puzzling Adventures in Mathematics

MATH 2101 – Abstract Algebra

MATH 2207 – Mathematical Methods

MATH 2301 – Calculus III

MATH 2302 – Calculus IV

MATH 2311 – Linear Algebra

MATH 2321 – Mathematical Probability

MATH 2323 – Introduction to Mathematical Statistics

MATH 3101 – Numerical Analysis

MATH 3102 – Mathematical Modeling

MATH 3301 – Differential Equations

MATH 3303 – Topics in Applied Mathematics and Data Analysis

MATH 3325 – Theory of Interest

MATH 4102 – Analysis I

MATH 4103 – Complex Numbers

MATH 4104 – Abstract Algebra II

MATH 4105 – Applied Linear Models

MINOR IN PHILOSOPHY

Required courses:

One course in Logic and Argumentation:

PHIL 1175 – Reason and Argument

PHIL 1179 – Introduction to Symbolic Logic

One course in Value Theory:

PHIL 1149 – Philosophy: Values and Ethics

PHIL 2216 – Nineteenth-Century Philosophy

PHIL 2219 – Philosophy of Law

PHIL 2223 – Bio Ethics

PHIL 2229 – Business Ethics

PHIL 2237 – Feminist Philosophy

PHIL 2241 – Existentialism

PHIL 2253 – Social and Political Philosophy

PHIL 2291 – Philosophy and the Environment

PHIL 3333 – Philosophy of Art

PHIL 3345 – Topics in Moral Theory

PHIL 3368 – Philosophy of History

PHIL 4730 – Advanced Philosophical Topics

One course in Epistemology/Metaphysics:

PHIL 1101 – Philosophy: Knowledge and Existence

PHIL 2204 – Medieval Philosophy

PHIL 2211 – The Classical Period

PHIL 2215 – The Early Modern Period

PHIL 2221 – Metaphysics

PHIL 2263 – Theory of Knowledge

PHIL 2267 – Philosophy of Science

PHIL 2281 – Philosophy of Mind

PHIL 3307 – Analytic Philosophy

PHIL 3350 – Topics in Continental Philosophy

Five additional PHIL courses.

****Note:** Of the eight courses which make up this minor, at least two must be at the 3000 or 4000 level. No more than three courses may be at the 1000 level.

MINOR IN POLICY STUDIES

Required courses:

POST 2201 – Introduction to Public Policy

POST 2209 – Methodology and Statistics

Six additional POST courses at the 3000 or 4000 level

****Note:** Policy Studies minors may not take POST 3030 – Internship.

MINOR IN POLITICAL SCIENCE

Required courses:

PLSC 1101 – Introduction to Government and Politics

Seven additional PLSC courses, of which at least two must be at the 3000 or 4000 level and only three can be at the 1000 level.

MINOR IN PSYCHOLOGY

Required courses:

Introductory Psychology satisfied by one of:

PSYC 1103 – Introduction to Psychology I – Natural Science **and**

PSYC 1104 – Introduction to Psychology II – Social Science **or**

PSYC 1105 – Introduction to Psychology

Upper-Level Courses: at least two PSYC courses at the 3000 level or higher

A total of 8 PSYC courses, including those used to satisfy the requirements listed above but excluding PSYC 1121.

Note: Students may count at most two of PSYC 1103, PSYC 1104 and PSYC 1105 for credit towards a minor in Psychology.

MINOR IN PHYSICS

The student is required to take a total of six physics courses: five core courses, and one approved option (as well as prerequisites as needed). A minimum grade of C+ must be achieved in all physics courses comprising the minor.

Required courses:

PHYS 1201 – Classical Physics I

PHYS 1202 – Classical Physics II

PHYS 2201 – Acoustics, Optics and Radiation

PHYS 2203 – Electromagnetism

PHYS 3602 – Elementary Quantum Mechanics

Approved options:

PHYS 3101 – Introduction to Biophysics

PHYS 3401 – Solid State

PHYS 3601 – Thermodynamics

MINOR IN RELIGIOUS STUDIES

A total of eight Religious Studies courses are required. Of these a student must complete:

A maximum of three Religious Studies courses at the 1000 level

A minimum of two Religious Studies courses at the 3000 level or higher

ANTH 2233, HIST 3383, HUMN 2297, and SLGY 2277 count as Religious Studies courses for this minor.

MINOR IN RISK MANAGEMENT AND INSURANCE

All businesses face risk. Successful businesses are those that can recognize and manage risk. This series of courses exposes students to a variety of the risks that most businesses face, and to the solutions available to deal with them. A number of the courses can earn students credit toward a C.I.P. (Chartered Insurance Professional) designation with the Insurance Institute of Canada.

Required Courses:

INSR 2140 – Principles & Practices of Insurance

Plus any seven (7) of the following:

FNCE 2130 – Personal Finance

FNCE 3207 – Risk Management & Estate Planning

FNCE 3302 – International Finance

FNCE 4408 – Financial Risk Management

INSR 2141 – Insurance on Property

INSR 2143 – Automobile Insurance

INSR 2144 – Loss Adjusting

INSR 2145 – Insurance Agency

INSR 3247 – Underwriting Essentials

INSR 3249 – Liability Insurance

MKTG 2154 – Professional Selling

MINOR IN SOCIAL INNOVATION AND NONPROFIT STUDIES

The minor in Social Innovation and Nonprofit Studies is designed for students who want to lead innovation and social change in all sectors, including the third sector, and through organizations in areas such as healthcare, arts, culture, recreation, human services, sports education, environment and international development. The minor consists of interdisciplinary courses at introductory and advanced levels from across campus.

Required Courses:

ENTR 2301 – The Entrepreneurial Experience

ENTR 3370 – Society, Innovation and Enterprise

MGMT 4407 – Governance & Ethical Issues in Organizations

NPRO 2201 – Rebels with a Cause

NPRO 3305 – Agents of Social Change

Plus any one (1) of the following:

ACOM 2251 – Introduction to Fund Development

COMM 1841 – Introduction to Public Relations

INTS 3331 – International Community Development

MGMT 2275 – Creativity in the Workplace

MGMT 4403 – Environmental Management & Sustainable Development

MGMT 4407 – Governance and Ethical Issues in Organizations

NPRO 2247 – Introduction to Volunteer Management

NPRO 3730 – Special Topics in Social Innovation and Nonprofit Studies

PLSC 1101 – Introduction to Government & Politics

PLSC 1123 – Canadian Political Issues

PLSC 2298 – Politics and the Media

SLWK 2221 – Community Development

MINOR IN SOCIOLOGY

Required courses:

SLGY 1101 – Introduction to Sociology

Seven additional SLGY courses, including at least two at the 3000 or 4000 level

MINOR IN SPANISH

Required courses:

SPAN 1103 – Beginners' Spanish II

SPAN 2211 – Intermediate Spanish I

SPAN 2213 – Intermediate Spanish II

SPAN 2223 – Introduction to Textual Analysis and Composition

SPAN 3305 – High Intermediate Spanish

SPAN 3309 – Critical Thinking in Spanish

Two additional SPAN courses at the 3000 level or above

****Note:** Students taking courses in Spanish are subject to placement testing. For more information, students should contact the Department of Languages and Cultures.

MINOR IN SPEECH

A minor in Speech is an interdisciplinary program which focuses on the study of spoken communication and how we present ourselves in a variety of settings, from interpersonal communications, leadership and small group participation and interviews, to speaking to large audiences. The skills learned are transferable both personally and professionally. A Minor in Speech is advantageous and beneficial to any career path that requires communication, including but not limited to Education, Business, Languages and Communications. Material covered includes Speech Writing, Public Speaking, Interpersonal Communications, Linguistics, Delivery Techniques, Persuasion, Intercultural Communication and Professional Speaking.

Required Courses:

LING 1111 – The Nature of Language I
 SPCH 2001 – Introduction to Public Speaking
 SPCH 2003 – Delivery Techniques for Presentation
 SPCH 2009 – Great Speakers, Great Speeches

Three (3) of the following:

LING 1113 – The Nature of Language II
 PSYC 1121 – Interpersonal Communications I
 SPCH 1115 – Bridging Communication Tradition
 SPCH 1120 – Accent Modification
 SPCH 2005 – Oral Tradition, Narration, and Story-telling
 SPCH 2007 – Professional Speaking (Prerequisite: SPCH 2001 or equivalent)
 SPCH 3001 – Persuasive Speaking (Prerequisite: SPCH 2001)

MINOR IN STUDIES IN AGING

Required courses:

SAGE 2401 – Perspectives in Aging
 SAGE 3303 – Health and Aging

Three (3) of the following courses:

ANTH 1103 – Introduction to Cultural Anthropology
 HIST 2207 – Histories of Western Sexualities
 INTS 1240 – Fundamentals of Interpersonal Communication
 NPRO 2201 – Canada's Nonprofit Sector - Foundations
 NPRO 2247 – Introduction to Volunteer Management
 PHED 2367 – Physical Activity for Special Populations
 PLSC 1183 – Issues and Trends in World Politics
 PSYC 2235 – Lifespan Development
 SAGE 3407 – Aging and Physical Health
 SAGE 3413 – Aging Families
 SLGY 2271 – Sociology of Families
 SLGY 2273 – Sociology of Aging
 WMST 2221 – Women and Health
 WMST 2283 – Women and Aging

At least three (3) courses from the following list:

INDS 3309 – History of Interiors
 NPRO 3305 – Program Planning and Assessment for the Nonprofit Sector
 PHED 3385 – Physical Activity and the Older Adult
 PSYC 2219 – Psychology of Death and Dying
 PSYC 3353 – Topics in the Psychology of Aging
 RELS 3333 – Religion, Death and Mortality
 SAGE 4405 – Aging and Mental Health
 SAGE 4490 – Capstone Project
 SLGY 3309 – Sociology of the Body

MINOR IN SUPPLY CHAIN MANAGEMENT

Supply Chain Management includes management of the flow and transportation of goods from raw materials through to the consumer. Areas of study include production planning, logistics management, purchasing, inventory management, material handling, transportation, enterprise resource planning, and global logistics. Course credits may be transferable to professional programs such as the Certified Professional Purchaser (CPP), Certified Professional Logistician (CPL) and the Canadian Institute of Traffic and Transportation (CITT). Students with an interest in supply chain can be prepared for careers in professional purchasing, international trade, and demand forecasting as well as management positions in transportation, inventory, and distribution.

Required Courses:

- LSCM 2201 – Introduction to Logistics & Supply Chain Management
- LSCM 3203 – Principles of Quality Management
- LSCM 3301 – Introduction to Physical Distribution
- LSCM 3303 – Fundamentals of Purchasing
- LSCM 3305 – Physical Distribution & Logistics
- LSCM 4402 – Inventory & Warehouse Management
- LSCM 4407 – Business Negotiations/Project Management
- LSCM 4409 – Supply Chain Decision Making
- LSCM 4411 – Integrated Business Solutions

MINOR IN TEACHING ENGLISH AS A SECOND LANGUAGE (TESL)

The Minor in Teaching English as a Second Language (TESL) is collaboratively offered through the Department of Languages and Cultures and the Department of Education and Schooling.

Students would consider this minor if:

- they want to understand how language development interacts with other types of cognitive development.
- they would like to know the differences in learning styles between children and adults.
- they are interested in cultural diversities in the classroom.
- they want to learn about issues concerning immigrant children in Canadian schools

Students completing a Minor in Teaching English as a Second Language (TESL) are not certified to teach in Alberta.

Students planning to complete a Minor in Teaching English as a Second Language (TESL) should check with an Advisor early in their studies so that they can ensure that they meet all requirements before graduation. Most courses at the 3000 and 4000 level have prerequisites, so students should consider those prerequisites when selecting their 1000 and 2000 level courses.

Required courses:

EDUC 2271 – The Teacher: Introduction to TESL

EDUC 3372 – The Learner: Early Literacy TESL **or**

EDUC 4471 – The Community: ESL in Mainstream

LING 1111 – The Nature of Language I

LING 1113 – The Nature of Language II **or**

EDUC 2371 – The Learner: Language Development and Literacy

LING 2221 – Modern English Grammar

Three (3) additional courses from the following list:

EDUC 2371 – The Learner: Language Development and Literacy*

EDUC 3372 – The Learner: Early Literacy TESL*

EDUC 4471 – The Community: ESL in Mainstream*

ENGL 3304 – Composition Theory

LING 1113 – The Nature of Language II*

LING 2207 – Second Language Acquisition

LING 2231 – First Language Acquisition

LING 3371 – Introduction to Psycholinguistics

A university credit course in an additional language

*This course can be used as an option if it was not taken as a required course (listed above) in this minor.

Maximum 3 courses at 1000 level. Minimum 2 courses at the 3000 and/or 4000 level.

MINOR IN WOMEN'S STUDIES

Required courses:

WMST 1172 – Introduction to Women's Studies

WMST 2205 – Issues for Women Globally

Two additional WMST courses at the 2000 level

One additional WMST course at the 3000 or 4000 level

Three (3) additional courses from the following list:

HIST 2208 – Women and Gender in Canada to 1900

HIST 2209 – Women and Gender in Canada Since 1900

PHIL 2237 – Feminist Philosophy

RELS 2281 – Women and Religion

RELS 3281 – Advanced Studies in Women and Religion

Any other WMST course

ABORIGINAL EDUCATION PROGRAM



PROGRAMS OFFERED

University College Entrance Preparation

FACULTY INFORMATION

Director, Iniskim Centre

M. Poitras: 403.440.5668

Aboriginal Education Program, Administrator

K. Paul: 403.440.6020

GENERAL INFORMATION

The Aboriginal Education Program at Mount Royal is a University College Entrance Program (UCEP) offering advanced upgrading for students of Aboriginal ancestry who wish to pursue a college or university education.

The program offers three levels of study, designed to ensure each student achieves the requirements for future educational goals, with concentration in English and math. The core subjects are supplemented with study skills, computer, language, and Native Studies courses. The program is supported by the Iniskim Centre programs including Aboriginal Housing Program, Elders/Medicine Trail (Naato'ohsokoy) Program and academic advising.

The inclusion of Aboriginal cultural content and support services is an integral part of the Aboriginal Education College Preparation Program.

Continuance in the Program

To be eligible for graduation, students must satisfactorily complete all degree program requirements and coursework. Students must achieve a minimum overall GPA of 2.00 to be eligible for graduation. If you are a continuing student you must meet complete a performance review once an academic year.

Financial Assistance

You are responsible for seeking out and maintaining funding. However, after your funding is secured the Aboriginal Education Program works closely with your funding agent. Other resource information regarding funding and scholarships is also available from the Student Awards and Financial Aid Centre on campus. The following is a list of possible funding sources for students:

- Individual First Nations communities
- Government agencies
- Various urban agencies

GENERAL ADMISSION REQUIREMENTS

Acceptance into the program is based on attendance at an information session, the completion of an AEP application and admittance is dependant on the number of seats available for new students. All students must:

- Be of Aboriginal ancestry
- Be a minimum age of twenty or possess the equivalent of an Alberta High School Diploma
- Have successfully completed grade 10 or better
- Submit an MRU application form indicating AEP with a letter of intent (an interview may also be required)
- Successfully complete a placement test
- Submit all transcripts from upgrading and/or secondary institutions

All criteria must be met for an application to be considered. Please note that enrolment in this program is limited and final admission is based on the criteria as well as available seats.

Academic Course Requirements

- Complete one semester of placement leveled English and math.
- Student must have met academic requirements to continue on in their program of choice.
- Students who are accepted into the Aboriginal Education Program are placed in one of the three levels according to the performance on the placement test, as well as the information contained on their transcripts. Specific attention will be placed on the subject areas related to English and math. Once a student has been placed into one of the three levels, the student will be registered in the courses specified by the program curriculum.

CURRICULUM

Aboriginal Education Program

Level 1

1. ENGL 0115
2. MATH 0115A (equivalent to Math 10)
3. COMP 0110
4. PREP 0109
5. SCIE 0110

Level 2

1. ENGL 0130/0212
2. MATH 0115B (equivalent to Math 20)
3. NTST 0130
4. SPCH 1115/2005

Options:

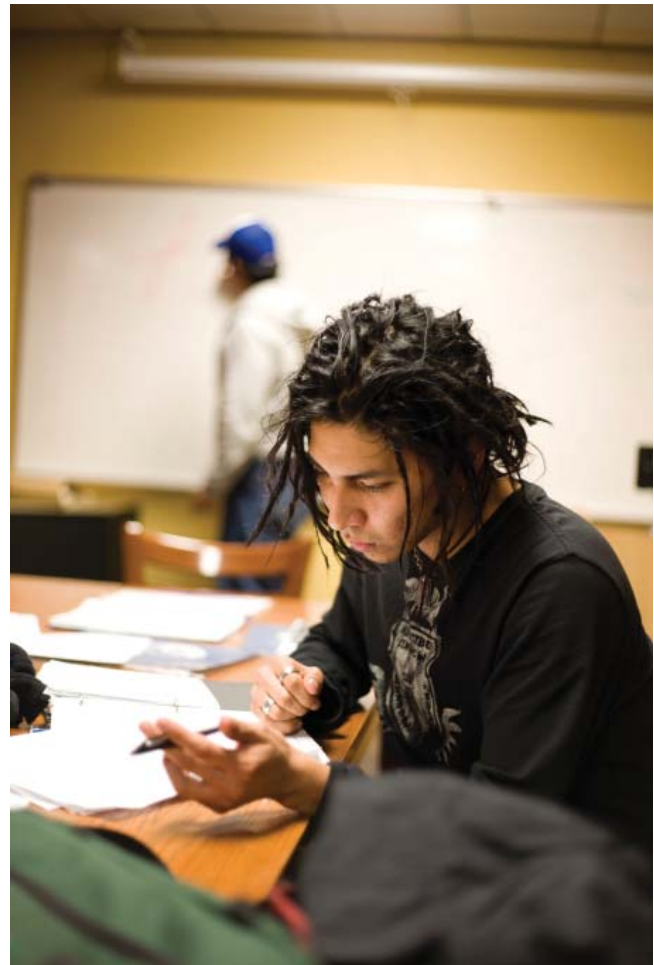
- BIOL 0115
- CHEM 0115
- BKFT 0130
- CREE 0130

Level 3

1. ENGL 0212/1101/1131
2. MATH 0130
3. PSYC 1101 + 1102
4. Arts/Science credit classes

Options:

- BIOL 0130
- CHEM 0130
- BKFT 0130
- CREE 0130



UNIVERSITY ENTRANCE OPTION



GENERAL INFORMATION

The University Entrance option is designed for students who have applied to, or intend to apply to, one of Mount Royal's baccalaureate degree programs but may lack specific admission requirements or do not meet the competitive admission average for the program. Students in the university entrance option will register primarily in post-secondary courses but are permitted to enroll in high-school equivalency courses in order to meet admission requirements of their intended degree program. Admission to the University Entrance option does not guarantee subsequent admission to a Mount Royal degree program.

The University Entrance option provides learning opportunities for students who wish to:

- participate in post-secondary education, and plan to pursue a university degree but may lack the specific admission requirements
- enhance their admissibility for a Mount Royal degree program through completion of post-secondary coursework and/or high-school equivalency courses
- take courses that are required for the completion of a Mount Royal degree while improving their admissibility for degree-level study

Students can complete a maximum of 30 credits (normally ten courses) as a University Entrance student. (This 30 credit limit includes any courses which the student may take as an Open Studies student.) Any awarded grade (including 'F') will count towards the limitation but withdrawals do not. Students are strongly encouraged to consult with an academic advisor before they reach this credit limit to ensure they are taking the appropriate courses. Students who reach this limit and who have not been admitted into a Mount Royal program will not be permitted to register in additional courses and may not apply to Open Studies. There is no appeal process to extend this limit.

University Entrance students who wish to upgrade their high school courses may enroll in various credit-free high school equivalency courses offered at Mount Royal. While these courses are not eligible for Alberta Education graduation credits or high school transcript purposes, they are accepted as alternative entrance requirements for undergraduate programs offered by Mount Royal and other Alberta universities.

GENERAL ADMISSION REQUIREMENTS

All students must meet the general admission requirements for Mount Royal University programs, as indicated in the *Admission* section of this Calendar except where the information contained in this section differs.

ADDITIONAL ADMISSION REQUIREMENTS – UNIVERSITY ENTRANCE OPTION

In addition to meeting the general admission requirements indicated in the *Admission* section of this calendar, applicants must also satisfy the following criteria:

Academic Course Requirements

Admission to the University Entrance option is competitive. The grade 12 subjects which may be presented for evaluation for admissibility include the following courses from Group A, B, and C. To allow applicants who are missing a specific course requirement or require a higher grade in a specific course an opportunity to upgrade their course(s), specific subjects such as English, mathematics, etc. are not required for admission.

High School Standing

- Group A course
- Group A course
- Group A course
- Group A or B course
- Group A, B, or C course

Mature Standing

- Group A course
- Group A course

Although Conditional Admission may be granted in advance of receipt of final/official transcripts, confirmation of the achievement of the course requirements above will take place after all final/official transcripts have been received by the University. Applicants who do not meet these requirements will be denied admission.

Post-secondary Standing

Applicants who have completed four (or more) post-secondary courses by December 31 for the Fall Semester or August 31 for the Winter Semester are not eligible for the University Entrance option. Therefore, there is no post-secondary admission route available. All applicants will be considered on the basis of high school or mature standing above.

CURRICULUM

The four required courses consist of the following:

General Education Requirement Cluster 1, Foundation

General Education Requirement Cluster 2, Foundation

General Education Requirement Cluster 3, Foundation

General Education Requirement Cluster 4, Foundation

The following course is strongly recommended:

UGST 1001 – Effective Learning in the Undergraduate Context

The remaining five courses are of the student's choosing. Please consult the appropriate section of this calendar for course requirements of various Mount Royal degree programs, and/or Academic Advising Services: mtroyal.ca/beadvised.

ADMISSION TO A MOUNT ROYAL DEGREE PROGRAM FOLLOWING STUDY IN THE UNIVERSITY ENTRANCE OPTION

Admission to the University Entrance option does not guarantee subsequent admission to a Mount Royal degree program. However, University Entrance students who meet the competitive admission average/GPA of the previous year for their intended program, and who meet all other general and program-specific requirements of the program, will be offered admission to the program. Such students must apply for admission to their intended program during the early admission period.



OPEN STUDIES



GENERAL INFORMATION – OPEN STUDIES

Open Studies provides a highly flexible opportunity for students to explore their educational options at Mount Royal. Open Studies is designed for students who would like to combine different types of study and/or for students who may be undecided about their post-secondary goals. Students can complete a maximum of 30 credits (normally ten credit courses) as an Open Studies student. Any awarded grade (including 'F') will count towards the limitation but withdrawals do not. Students may choose to combine post-secondary credit classes with upgrading. Open Studies provides full- or part-time learning opportunities for students who:

- wish to participate in post-secondary education but do not wish to enter a specific program of study at this time;
- would like to sample courses in order to determine what program of study to pursue;
- wish to take courses for professional development or personal interest;
- need to pick up a course(s) to meet the admission requirements for their intended program of interest; or
- may have missed an admission deadline for a specific program.

NOTE: Students can complete a maximum of 30 credits (normally ten courses) as an Open Studies and/or University Entrance student. Any awarded grade (including 'F') will count towards the limitation but withdrawals do not. Students who reach this limit and who have not been admitted into a Mount Royal program will not be permitted to register in additional courses. There is no appeal process to extend this limit. Students are strongly encouraged to consult with an advisor before they reach the limit.

ADMISSION REQUIREMENTS – OPEN STUDIES

Open Studies applicants are not required to meet the General Admission Requirements for Mount Royal programs. Open Studies does not have specific course-based admission criteria, thereby providing students with an opportunity to upgrade and prepare for further post-secondary studies.

Applicants are required to provide the appropriate official documentation to meet the English Language Proficiency Requirement if their mother tongue (first language spoken as a child) is not English (see English Language Proficiency Requirement). In addition, official transcripts from all high school and post-secondary institutions attended are required for admission.

Open Studies students:

- may take upgrading courses alone or in combination with university-level courses,
- are allowed to earn a maximum of 30 credits (typically 10-three credit courses) in Open Studies and/or the University Entrance Option (Any awarded grade (including 'F') will count towards the limitation but withdrawals do not.),
- are not eligible to receive a Letter of Permission to take a course or courses from other institutions,
- do not have access to restricted courses (i.e., those reserved for program students).

Students who wish to upgrade their high school courses may enroll in various credit-free high school equivalency courses offered at Mount Royal. While these courses are not eligible for Alberta Education graduation credits or transcript purposes, they are accepted as alternative entrance requirements for undergraduate programs offered by Mount Royal and other Alberta universities.

Open Studies students often will take courses that lead towards program requirements for a Mount Royal University program. Please consult the appropriate section in this calendar for course requirements for Mount Royal programs, and/or Academic Advising Services: mtroyal.ca/beadvised.

MOUNT ROYAL UNIVERSITY COURSES

How To Interpret A Course

SAGE 4405 – Aging and Mental Health

(3 credits – TG) Distance Delivery

This is an overview of current concepts in mental health in relation to older adults. Common mental health concerns of the older adult are presented and approaches to assessment and treatment are addressed, with an emphasis on cognitive and behavioural strategies.

Pre or Co-requisite: Studies in Aging 2401 and 3403 or consent of the department.



GNED 1101 – Scientific and Mathematical Literacy for the Modern World

(3 credits – TG) 3 hours lecture

Students will expand their understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events.



Credit Value and Transfer Guide Designator

Credit weight reflects student workload rather than classroom contact hours. Normally, students are expected to devote nine to twelve (9 – 12) hours of academic time and effort per week for a three (3) credit course. Academic time and effort includes class time (e.g., lectures, labs, studios, tutorials, etc.) as well as any experiential or blended components. In addition, all independent study (e.g., assignments, readings, preparation, study, etc.) is included. Courses are normally valued as three (3) credits or multiples of three credits. A specific number of credits is required to complete each diploma or certificate program the University offers.

Courses with a TG listed beside the credits are courses that are accepted under certain conditions for transfer to some or all of the Alberta universities. Students may receive full or partial credit for these courses. For further information, consult the Alberta Transfer Guide transferralberta.ca

Subject Abbreviation

The full name for a subject abbreviation is shown at the beginning of the particular subject group.

Course Description

This is a brief description of the topics to be covered in the course. A more detailed description, called a Course Outline or Syllabus, is available through the department offering the course.

Course Numbers (pre-Fall 2008)

0100-0999 Credit-Free Preparatory Courses do not carry any credit value and cannot be counted towards a degree, diploma, certificate or Grade Point Average. Special credit-free fees may apply.

1100-1199 Introductory college courses

1200-1299 Advanced college courses requiring previous college-level work.

1300-1399 Senior college courses requiring advanced college-level work.

2000-2999 Junior-level undergraduate courses offered at Mount Royal University.

3000-4999 Senior-level undergraduate courses offered at Mount Royal University.

eCampusAlberta

One or more sections of certain courses are available online through the eCampusAlberta option. The eCampusAlberta logo will appear on specific courses. See the eCampusAlberta website for registration information and other details: ecampusalberta.ca. A technology support fee will be charged for course sections offered through eCampusAlberta.

Course Numbers (Fall 2008 onward)

Academic Upgrading. 0110, 0115, 0120, 0130, 0131, 0132

Pre-degree courses 0200 – 0299

Level 1 (junior). 1000 – 1999

Level 2 (senior) 2000 – 2999

Level 3 (senior) 3000 – 3999

Level 4 (senior) 4000 – 4999

Honours, capstone or post-basic courses (senior) 5000 – 5999

General Education (GNED)

Courses identified with the 'G' icon satisfy requirements for the General Education program. 'C' refer to Cluster; Tier information is below (e.g. Foundation). See program/academic advisor for details.

Hours and Type of Instruction

Unless otherwise stated, the number of hours indicates hours of instruction each week. Courses normally run 13 weeks (excluding the examination time) each Fall and Winter Semester and 6.5 or 13 weeks during Spring Semester including examinations. Therefore, the sample course (GNED 1101) involves a total of 39 hours of instruction. Instruction at Mount Royal University is made up of lectures, tutorials, laboratory sessions, seminars and guided independent study. Any course may use one or all of these different methods of instruction.

Prerequisites, Co-requisites, and Recommended Preparation

Prerequisites must be completed before registering in the class. Co-requisites must be taken at the same time as other particular courses. Recommended preparation should be completed before taking certain courses. Other special notes about extra fees, special restrictions, etc., are usually noted after the course description.

Blended Delivery

Courses in which a portion of scheduled class/lab time is replaced by technology-mediated teaching-learning activities using the Internet or CD-ROM.

Course Letters

Courses beginning with an "A" designate Athabasca University sections of courses taught at Mount Royal University (e.g. ENGL A344).

COURSE DESCRIPTION INDEX 2013 – 2014

ADVANCED STUDIES IN CRITICAL CARE NURSING (ACCN)	164	HEALTH STUDIES (HLTH)	233
ACCOUNTING (ACCT)	165	HUMAN RESOURCES (HRES)	235
APPLIED COMMUNICATIONS (ACOM)	166	HUMANITIES (HUMN)	236
AIR FLIGHT TRAINING (AIRF)	168	INTERNATIONAL BUSINESS (INBU)	237
APPLIED JUSTICE (AJUS)	169	INTERIOR DESIGN (INDS)	237
ANTHROPOLOGY (ANTH)	170	INSURANCE (INSR)	240
ART HISTORY (ARTH)	173	INDIGENOUS STUDIES (INST)	240
ADVANCED STUDIES IN PERINATAL AND NEONATAL NURSING (ASPN)	174	INTERDISCIPLINARY STUDIES (INTS)	240
ASTRONOMY (ASTR)	175	ITALIAN (ITAL)	241
BIOCHEMISTRY (BCEM)	175	JAPANESE (JPNS)	241
BIOLOGY (BIOL)	176	LATIN AMERICAN CULTURES (LAST)	241
BLACKFOOT (BKFT)	179	LINGUISTICS (LING)	241
CHEMISTRY (CHEM)	179	LOGISTICS AND SUPPLY CHAIN MANAGEMENT (LSCM)	242
CHINESE (CHIN)	182	MATHEMATICS (MATH)	243
CHILD STUDIES (CHST)	182	MIDWIFERY (MDWF)	246
CLASSICS (CLAS)	183	MANAGEMENT (MGMT)	248
CANADIAN STUDIES (CNST)	183	MICROBIOLOGY (MIBI)	249
COMMUNICATIONS (COMM)	183	MARKETING (MKTG)	250
COMPUTER SCIENCE (COMP)	192	MUSIC (MUSC)	251
CREE (CREE)	195	MUSIC – PRIVATE LESSONS	253
CRIMINAL JUSTICE STUDIES (CRJS)	195	NONPROFIT STUDIES (NPRO)	253
CHILD AND YOUTH CARE COUNSELLOR (CYCC)	198	NATURAL SCIENCE (NTSC)	254
DIRECTED READINGS	199	NATIVE STUDIES (NTST)	254
DISABILITY STUDIES (DAST)	199	NURSING (NURS)	255
ECOLOGY (ECOL)	200	PHYSICAL EDUCATION (PHED)	257
ECONOMICS (ECON)	200	PHILOSOPHY (PHIL)	262
EDUCATION (EDUC)	202	PHYSICS (PHYS)	263
EARLY LEARNING AND CHILD CARE (ELCC)	204	POLITICAL SCIENCE (PLSC)	264
ENGLISH (ENGL)	205	POLICY STUDIES (POST)	266
ENGINEERING (ENGR)	212	PSYCHOLOGY (PSYC)	267
ENTREPRENEURSHIP (ENTR)	213	RECREATION STUDIES (RECR)	270
ENVIRONMENTAL SCIENCE (ENVS)	215	RELIGIOUS STUDIES (RELS)	271
ECOTOURISM AND OUTDOOR LEADERSHIP (ETOL)	217	ROMANCE STUDIES (ROST)	272
FILM STUDIES (FILM)	218	STUDIES IN AGING (SAGE)	273
FLIGHT TRAINING (FLTR)	218	SCIENCE (SCIE)	273
FINANCE (FNCE)	220	SOCIOLOGY (SLGY)	273
FORENSIC STUDIES (FORE)	221	SOCIAL WORK (SLWK)	276
FRENCH (FREN)	222	SOCIAL SCIENCE (SOSC)	277
GEOGRAPHY (GEOG)	223	SPANISH (SPAN)	277
GEOLOGY (GEOL)	225	SPEECH (SPCH)	279
GEOPHYSICS (GEOP)	227	THEATRE ARTS (THEA)	279
GERMAN (GERM)	227	UNDERGRADUATE STUDIES (UGST)	282
GENERAL EDUCATION (GNED)	227	WOMEN'S STUDIES (WMST)	283
HISTORY (HIST)	228		

ADVANCED STUDIES IN CRITICAL CARE NURSING (ACCN)

ACCN 5501 – Critical Care Nursing: Physiology

(3 credits – TG) Distance Delivery

In-depth study of principles of physiology pertinent to critical care nursing, such as cell membrane physiology, work of breathing and determinants of cardiac output. This course focuses on cellular physiology followed by physiology of five systems: pulmonary, neurologic, cardiovascular, renal and defence.

ACCN 5505 – Critical Care Nursing: Pathophysiology

(3 credits – TG) Distance Delivery

Principles of physiology, first addressed in Advanced Studies in Critical Care Nursing 5501 are applied to critical illness. Emphasis is placed on breathing, circulation, neurologic renal and body defence of the critically ill to illustrate organ dysfunction and illness experiences. Therapeutics for each of the five systems are discussed including mechanical ventilation and pharmacotherapy.

Pre or Co-requisite: Advanced Studies in Critical Care Nursing 5501 or approval of department chair.

ACCN 5507 – Pharmacology for the Acutely Ill

(3 credits – TG) Distance Delivery

Principles and physiological mechanisms related to pharmacology are addressed. Emphasis is placed on a thorough understanding of major drug categories and current medications frequently used for the acutely ill patient. Pharmacological considerations are addressed in relation to management and prevention of complications.

Pre or Co-requisite: Advanced Studies in Critical Care Nursing 5501 or approval of department chair.

Note: This course may be taken by Emergency Stream nurses in level II or with prior approval of the Emergency Stream coordinator.

ACCN 5513 – Advanced Trauma Care

(3 credits) Distance Delivery

Addresses injury prevention within the community and contains detailed discussions of injury epidemiology and injury prevention programming. Prevention of cellular injury through current and novel resuscitative practices is discussed. Addresses how best to prevent secondary organ injury following admission of a trauma patient to the critical care setting.

Prerequisite: Approval of department chair.

ACCN 5531 – Critical Care Nursing and Emergency Nursing: Assessment

(3 credits – TG) Distance Delivery

Examines various aspects of assessment within a physiologic systems framework, particular to acute/critically ill patients. Emphasizes analysis and integration of physical, laboratory and computer derived findings.

Note: Transfer credit for this course may be given to students who have national certification in either Critical Care or Emergency Nursing.

ACCN 5551 – Emergency Nursing – Pathophysiology

(3 credits) Distance Delivery

Provides a thorough review of physiological and pathophysiological mechanisms and their relationships to human body systems across the age span. Facilitates study of mechanisms underlying selected clinical conditions that are common and/or emergent in the emergency setting. Uses pathophysiology as a basis for understanding clinical conditions in order to guide relevant history taking, assessment and management of patients with these conditions.

ACCN 5553 – Emergency Nursing: Care of the Acutely Ill and Injured – Part A

(3 credits) Distance Delivery

This is the first of a two-part course, which describes the nursing care of the acutely ill and injured patients in the emergency department. There is an emphasis on pathophysiology as a basis for assessing, triaging, planning, implementing and evaluating care (the nursing process). The course begins with a discussion of factors common to all patients and/or emergency departments such as primary/secondary assessment, documentation, confidentiality, crisis responses, and pain management. The remaining units focus on acute illnesses and injuries affecting the respiratory, cardiovascular and neurological systems for adults. Special considerations for elderly and children are also presented. Illness and injuries are grouped according to the patient's presenting complaint or predominant physiologic abnormality.

Pre or Co-requisites: Advanced Studies in Critical Care Nursing 5531 and 5551 or approval of department chair.

ACCN 5555 – Emergency Nursing: Care of the Acutely Ill and Injured – Part B

(3 credits) Distance Delivery

This is the second of a two-part course series on emergency nursing. As with part A, the nursing process and pathophysiology are the basis for the management of adults and children with illnesses and injuries affecting the body systems not previously discussed (EENT, gastrointestinal, urinary, reproductive, and musculoskeletal). Additional topics include management of specific toxicologic and environmental emergencies, disaster and flight nursing, advanced triage, professional leadership, evidence based practice and multisystem/multitrauma disorders.

Pre or Co-requisites: Advanced Studies in Critical Care Nursing 5531, 5551 and 5553 or approval of department chair.

ACCN 5571 – Neuroscience Nursing Theory

(3 credits) Distance Delivery - Internet

Advanced Studies in Critical Care Nursing 5571 is an advanced neuroscience nursing course which provides a thorough review of neurological/neurosurgical physiological/ pathophysiological mechanisms and their relationship to human body systems to provide a foundation for assessment, goal setting and intervention with adult neuroscience patients.

Pre or Co-requisite: Advanced Studies in Critical Care Nursing 5501 or approval of department chair.

Note: Prior learning recognition may be given to students who have national certification in Neuroscience Nursing.

ACCN 5573 – Neuroscience Nursing Clinical

(6 credits) 210 hours practicum

Provides opportunities to integrate and apply more in-depth knowledge and skills in the neuroscience setting. Learning objectives are in part defined by the individual needs of the student. Students gain hands-on experience with advanced neuroscience concepts and skills.

Prerequisites: Advanced Studies in Critical Care Nursing 5501, 5531 and 5571.

ACCN 5581 – Critical Care Nursing: Clinical I

(6 credits) 210 hours practicum

The clinical practicum provides the student with opportunities to integrate and apply critical care skills and theory in clinical practice. Students gain hands-on experience with a variety of assessment and clinical interventions. Nurses with critical care experience may apply for prior learning credit.

Prerequisites: Advanced Studies in Critical Care Nursing 5501, 5505 and 5531 and approval of the department.

Pre or Co-requisite: Advanced Studies in Critical Care Nursing 5507.



ACCN 5583 – Advanced Clinical II**(3 credits) 105 hours practicum**

Students integrate and apply basic and advanced theoretical knowledge and technical skills in a variety of settings dependant upon their focus. This is a self-directed clinical experience whereby students plan their clinical experience to focus on, elaborate or broaden their understanding in an area of interest in Critical Care, Emergency, or Neuroscience Nursing in consultation with program faculty.

Prerequisites: Advanced Studies in Critical Care Nursing Level I Certificate and completion of the theory requirements for Level II or approval of department chair.

ACCN 5591 – Emergency Nursing – Clinical I**(6 credits) 210 hours practicum**

This clinical practicum provides the student with opportunities to integrate and apply emergency nursing theory and skills in the clinical setting. Students gain hands-on experience with a variety of assessment and clinical interventions. Nurses with emergency experience may apply for prior learning credit.

Prerequisite: Advanced Studies in Critical Care Nursing 5531, 5551, 5553, 5555 and approval of the department.

ACCOUNTING (ACCT)**ACCT 2010 – Directed Field Studies I****(15 credits)**

This Directed Field Studies course requires students to work for an employer in an accounting position. The employer and position must be approved by the work experience coordinator. The work term will normally be completed over a four-month period. Any deviation from this pattern must be approved in advance by the work experience coordinator and the faculty advisor. Under no circumstances will a work-term consist of less than 450 hours of work. Students will typically be employed in either a public accounting firm, in government, or in industry. Students are also required to complete a series of research projects to relate practical experience to their academic studies.

Prerequisites: Accounting 3228, 4222, 4225, 4280, and Management 3210 with a minimum grade of "C+" or higher; and successful completion of the work experience Professional Development Seminars.

ACCT 2110 – The Language of Business: Accounting Made Easy**(3 credits – TG) 1 hour lecture, 2 hours lab**

This course is designed for non-accounting people who need to know basic accounting concepts in order to more fully understand their contribution to improved productivity, profitability, and wealth creation, for both their employer and themselves. It takes the student beyond statements and spreadsheets to learn a logic and a language that is specific to the world of business, and will help them converse confidently within an accounting environment. It provides a solid foundation in accounting literacy so that successful students can better control the money side of their personal and business lives.

ACCT 2120 – Principles of Accounting**(3 credits – TG) 4 hours lecture, 1 hour lab**

This course provides an introduction to basic accounting principles and practices. Topics includes journals; ledgers; financial statements; merchandise accounting; internal control procedures, cash, accounts receivable, current liabilities, inventories, plant and equipment. This course introduces students to the use of accounting data as a management tool.

Note: Business students should take Accounting 2121. Credit will not be granted for both Accounting 2120 and 2121.

ACCT 2121 – Financial Accounting Concepts**(3 credits – TG) 4 hours lecture, 1 hour lab**

This course provides an introduction to accounting principles and the accounting cycle. Topics include fundamental concepts such as accounting principles, assumptions, constraints, and the preparation and reporting of financial information to investors, managers, and others. Emphasis is on financial statement preparation and analysis.

Note: Only one of ACCT 2120 and ACCT 2121 may be used for graduation purposes from the BBA

ACCT 2221 – Financial Management for Non-Financial Managers**(3 credits – TG) 2 hours lecture, 1 hour tutorial**

In order to perform in today's complex business environment, people must be able to anticipate and assess the financial consequences of business decisions. Students will learn about analysis and integration of financial statements, capital budgeting and proposal evaluation, financial planning and cash flows, and relevant cost decision-making. Students will also be introduced to the sources and forms of financing, the management of capital structure and management of working capital.

Prerequisite: Accounting 2120 or 2121.

ACCT 3010 – Directed Field Studies II**(15 credits)**

This Directed Field Studies course requires students to work for an employer in an accounting position. The employer and position must be approved by the work experience coordinator. The work term will normally be completed over a four-month period. Any deviation from this pattern must be approved in advance by the work experience coordinator and the faculty advisor. Under no circumstances will a work-term consist of less than 450 hours of work. Students will typically be employed in either a public accounting firm, in government or in industry. Students are also required to complete a series of research projects to relate practical experience to their academic studies.

Prerequisites: Accounting 2010 and successful completion of the work experience Professional Development Seminars.

ACCT 3220 – Financial Accounting Practices**(3 credits – TG) 4 hours lecture**

This course builds on the concepts and skills learned in introductory accounting and prepares the student for the more conceptual approach required for Intermediate Accounting. Students learn to apply the accounting framework, and further develop skills for recording transactions and events. Topics include revenue recognition, long-term liabilities, partnership accounting, shareholders' equity, investments, and the cash flow statement.

Prerequisite: Accounting 2121.

ACCT 3221 – Intermediate Accounting I**(3 credits – TG) 4 hours lecture**

This course examines issues and problems related to GAAP for income determination and revenue recognition. International Financial Reporting Standards (IFRS) and Accounting standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of assets are addressed.

Prerequisite: Accounting 3220.

ACCT 3224 – Management Accounting I**(3 credits – TG) 4 hours lecture**

This course provides an introduction to the nature, scope and use of managerial accounting. Topics include: management planning and control, inventory and cost flows, standard costs and variance analysis, budgeting, cost-volume-profit analysis, relevant costs and decision making.

Prerequisite: Accounting 2120 or 2121.

NOTE: Only one of ACCT 2120 and ACCT 2121 may be used for graduation purposes from the BBA

ACCT 3227 – Oil and Gas Accounting**(3 credits – TG) 3 hours lecture**

Students are provided with an introduction to the accounting principles and practices associated with oil and gas exploration and production. The impact of income and other taxes on the industry is also considered.

Prerequisite: Accounting 3224.

Recommended Preparation: Geology 1151.

ACCT 3228 – Management Accounting II**(3 credits) 3 hours lecture**

This course examines various costing methods and analytical tools used by management accountants to provide information and recommendations relevant to short-term and long-term decision making.

Prerequisite: Accounting 3224.

ACCT 3320 – Accounting Applications**(3 credits) 3 hours lecture, 1 hour tutorial**

This course provides students with skills, which are critical to managing a business. The student who successfully completes this course will have a general knowledge of partnership and corporate accounting. In addition, the student will be exposed to cash flow analysis as an analytical tool, working capital management, selected personal and corporate taxation issues, and the construction of the appropriate systems to ensure internal accounting controls are in place. Students learn to maintain computerized accounting records, prepare computerized personal tax returns and file GST returns and payroll submissions.

Prerequisite: Accounting 2120 or 2121 with a minimum grade of C or higher.

ACCT 4222 – Intermediate Accounting II**(3 credits – TG) 4 hours lecture**

This course provides an in-depth analysis of accounting theory and principles related to the reporting of short-term and long-term liabilities, leases, pensions, corporate income taxes, shareholders' equity, complex financial instruments, earnings per share, the cash flow statement, and accounting changes and error analysis. International Financial Reporting Standards (IFRS) and Accounting Standards for Private Enterprises (ASPE) relating to recognition, measurement, and financial statement presentation of liabilities and equity are addressed.

Prerequisite: Accounting 3221.

ACCT 4225 – Principles of Auditing**(3 credits – TG) 3 hours lecture**

This course examines the role of the internal or external auditor in business and explores the legal and ethical environment of auditing. Emphasis is placed on methods and procedures used in auditing and reporting as they relate to specific financial statement areas such as assets, liabilities, equities, revenues, and expenses. Other topics covered include internal control, risk and materiality, the audit of fraud, and auditing in a computer environment.

Prerequisite: Accounting 3221.

ACCT 4280 – Introduction to Personal and Corporate Income Tax**(3 credits – TG) 4 hours lecture**

This course covers Canadian income tax laws affecting individuals and corporations. Topics include the computation of individual and corporate income tax, taxable income, taxes payable, corporate distributions, taxation of capital gains, and the preparation of corporate and personal tax returns.

Prerequisite: Accounting 3220.

ACCT 4323 – Advanced Computerized Accounting**(3 credits) 4 hours lecture**

This course is a continuation of Accounting 3223 for accounting majors; more advanced accounting transactions will be covered. Additional modules such as accounts receivable, accounts payable, and payroll will be introduced. Formatting of financial statements will be covered as well as the preparation of other accounting schedules.

Prerequisites: Accounting 3223 and 4222.

ACCT 4381 – Advanced Financial Accounting**(3 credits – TG) 4 hours lecture**

This is a senior level course in financial accounting, which covers the following areas: intercompany investments, joint ventures, accounting for not-for-profit organizations, and translation of foreign currency transactions and financial statements.

Prerequisite: Accounting 4222.

ACCT 4382 – Advanced Managerial Accounting**(3 credits – TG) 4 hours lecture**

This course examines advanced management accounting practices designed to help managers formulate and implement new strategies, motivate and evaluate organizational performance, and achieve operational excellence. This course emphasizes current management accounting practices within a variety of business environments using a case approach. These practices include the theory of constraints, activity-based management, cost-based decision making, and the balanced scorecard.

Prerequisites: Accounting 3228 and 4222.

ACCT 4403 – Accounting Theory**(3 credits) 3 hours lecture**

This course provides an overview of contemporary accounting theory and research, and explores how these theories and research are applied in the development and practice of the accounting profession. Emerging, thought-provoking issues in the field of accounting are discussed.

Prerequisites: Accounting 3221 and 3224.

ACCT 5383 – Management Processes and Problems**(3 credits) 4 hours lecture**

This is a comprehensive course in management case analysis which covers the following topics: marketing, operations management, personnel management, performance measurement, planning and control, strategic planning, programming budgets, controllership, revenue, expense profit and investment centres, service organizations, non-profit organizations and the planning process.

Pre or Co-requisites: Accounting 4381 and 4382.

APPLIED COMMUNICATIONS (ACOM)**ACOM 2003 – Applied Visual Communication I****(4 credits) 4 hours lecture**

Principles of graphic communication, design, and layout will be applied to the production of a variety of print-based media including newspapers, newsletters, reports, manuals and brochures using current computer-based page-layout and graphics programs. Typography, the uses of colour, the selection of photographs and art-work, and the sizes, weights and quality of paper as they affect the options for printing processes will be examined and applied.

Prerequisite: Computer Science 1205 or consent of the department.

**ACOM 2011 – Directed Field Studies I – Journalism****(15 credits) 16 weeks, work-term project**

Students in the Journalism stream of the Bachelor of Communications Degree program will complete a Directed Field Study in a workplace setting, and work in a print, broadcast or other journalism milieu.

Prerequisite: Completion of a minimum 45 credits (or consent of the department) with a minimum grade of C in all required courses and a minimum overall Grade Point Average of 2.00; and have successfully completed Applied Communications 3345 Journalist's Workplace I Directed Field Study preparation, and have consent of the department.

ACOM 2015 – Directed Field Studies I – Technical Communication**(15 credits) 16 weeks, work-term project**

Students in the Bachelor of Communications – Technical Communication degree program will complete directed field studies in an organizational setting. Students will usually be placed with large firms and assist with documenting products and systems. Students will be graded on a letter grade system.

Prerequisites: Students will have completed a minimum of 45 credits (or consent of the department) with a minimum grade of C in all required courses and a minimum overall Grade Point Average of 2.00, and have successfully completed the Introduction to Work Experience (or approved equivalent) workshop through Career Services.

ACOM 2017 – Directed Field Studies I – Electronic Publishing**(15 credits) 450 hours work-term**

Students in the Bachelor of Communications – Electronic Publishing degree program will complete Directed Field Studies lasting a minimum of 450 hours, in an appropriate corporate setting. Within this production environment, students will apply techniques and concepts acquired in the core curriculum, and document theoretical and practical findings.

Prerequisites: Completion of a minimum of 60 credits (or permission of chair) with a minimum grade of C in all required courses and a minimum overall Grade Point Average of 2.00. Completion of the Introduction to Work Experience (or approved equivalent) workshop through Career Services.

ACOM 2061 – Applied Technical Writing I**(3 credits – TG) 2 hours lecture, 2 hours tutorial**

Introduction to the varieties of technical writing. Forms and styles of technical description, procedures, reports, proposals, business plans and policies. Introduction to the integration of text and graphics.

Note: Technical Writing Certificate students only.

Possible Substitutions: Communications 1661 Technical Writing I or ENGL 2263 Technical Writing (Formerly ENGL 3363) (U of C COMS 363).

**ACOM 2251 – Introduction to Fund Development****(3 credits) 3 hours lecture**

This course is designed for programmers and managers working in the nonprofit sector who will need basic understanding and skills in fund development to support their organization and/or community. Through in-class discussion, small group work, and assignments, students will learn the planning and implementation of fund development and understand it as an integral part of an organization's business plan.

ACOM 3011 – Directed Field Studies II – Journalism**(15 credits) 16 weeks**

Students in the Bachelor of Communications – Journalism degree program will complete a second Directed Field Study in a print, broadcast, or other journalism milieu.

ACOM 3013 – Directed Field Studies II – Public Relations**(15 credits) 16 weeks**

Students in the Bachelor of Communications – Public Relations degree program will complete a second Directed Field Studies in an organizational setting. Students in Public Relations will work with industry professionals in the corporate, public and non-profit sectors of industry.

Prerequisites: Completion of Applied Communications 2013 and a minimum of 45 credits or consent of the department with a minimum grade of C in all required courses and a minimum overall G.P.A. of 2.00.

ACOM 3015 – Directed Field Studies II – Technical Communication**(15 credits) 16 weeks**

Students in the Bachelor of Communications – Technical Communication degree program will complete a second Directed Field Studies in an organizational setting. Students will usually be placed with large firms and will continue to develop documentation expertise at a more advanced level.

Prerequisites: Completion of a minimum of 60 credits or consent of the department with a minimum grade of C in all required courses and a minimum overall G.P.A. of 2.00. Applied Communications 2015.

ACOM 3017 – Directed Field Studies II – Electronic Publishing**(15 credits)**

Students in the Bachelor of Communications – Electronic Publishing degree program will complete their second Directed Field Studies for a minimum of 450 hours, in an appropriate corporate setting. Within this production environment, students will apply techniques and concepts acquired in the core curriculum and document theoretical and practical findings.

Prerequisite: Applied Communications 2017.

ACOM 3065 – Technical Writing II**(3 credits) 4 hours lecture**

This course will introduce students to intermediate-level elements of technical writing. Considerations of audience, purpose and technique in print and electronic media will be examined for a variety of writing needs.

Prerequisites: Applied Communications 2003, 2061 and 2067.

**ACOM 3373 – Digital Illustration****(3 credits) 2 hours lecture, 2 hours lab**

This course introduces student to the principle tools, theories, and methods of computer-based illustration. Both text-based and object-based illustrations are explored. Students work with industry-standard computer programs to produce a variety of products, such as templates and letterheads, logos, wordmarks, designed heads, backgrounds and finished layouts.

Prerequisites: Applied Communications 2205, 2273, 2279 and Computer Science 1209.

ACOM 3375 – Principles of Graphics II**(3 credits) 2 hours lecture, 1 hour tutorial**

This course builds on the insights developed in Applied Communications 2205. Students will explore the technical and aesthetic aspects of designing for the web. They will learn to use web authoring tools and apply the principles of usability and accessibility to authentic web design projects.

Prerequisite: Applied Communications 2205.

ACOM 3379 – Advanced Digital Photography**(3 credits) 2 hours lecture, 2 hours lab**

This course extends and develops skills developed in Applied Communications 2279. Students gain an in-depth understanding of digital photography including concepts such as image file formats, resolution, colour depth and dynamic range. Students will photograph and manipulate digital images for use in publications. This course also explores the legal and ethical implications of using digital images.

Prerequisite: Applied Communications 2279.

ACOM 4009 – Issues in Communications, Law and Ethics for Technical Writers**(3 credits – TG) 3 hours lecture**

This course focuses on key issues facing the technical writing profession. The course examines the role ethics plays in society and explores different models for defining issues, interests and values relating to the ethical issues confronting technical writers.

Possible substitutions: Communications 4679 or may also substitute the following: Athabasca University PHIL 333 Professional Ethics

Prerequisite: Applied Communications 3500.

ACOM 4065 – Instructional Multimedia**(3 credits) 3 hours lecture**

This project-based course provides students with an opportunity to explore applications in instructional multimedia and E-learning. Concepts covered include learning theories, curriculum and instructional design concepts, and script-writing for multimedia. Procedures for systematic design of instructional and training materials using multimedia are also covered. Students will apply these concepts to produce a camera-ready script.

Possible substitution: Athabasca University EDPY 479 Intro to Computer Based Education.

**ACOM 4463 – The Editorial Function****(3 credits) 3 hours lecture**

Students practice substantive editing, copy editing, and proofreading. They examine issues in reliability and correctness of fact, relation of text to graphics and layout, ethics, copyright and project management. This course draws together subjects and issues from all previous writing courses.

Prerequisites: At least four (4) Applied Communications courses from the curriculum of the Electronic Publishing or Technical Communication programs.

Note: Second or third year Applied Communications Degree students only.



ACOM 4467 – Advanced Technical Documentation**(3 credits) 3 hours lecture**

This course allows students to practice lessons learned in earlier technical writing courses on scientific research documents. Technical writing enters the chain of science leading to consumer products at the point where scientific research becomes technology. Scholarly scientific publications, language research, and other sources of special terminology are examined. User testing methods are studied and applied.

Prerequisite: Applied Communications 3005.

ACOM 4469 – Portfolio**(2 credits) 1 hour lecture, 2 hours lab**

The student portfolio demonstrates the ways in which students have acquired and achieved the learning outcomes of the Bachelor of Communications – Technical Communication and Bachelor of Communications – Electronic Publishing programs. Portfolio items are products created in all core courses in the program. In this course, students analyze and consolidate their collection and organize a public presentation of their work.

Prerequisites: Completion of at least 90 credits towards the Bachelor of Communications – Electronic Publishing or Technical Communication Degree programs, and both Directed Field Studies.

ACOM 4473 – Publication Markets and Distribution**(4 credits) 4 hours lecture**

This course surveys the major issues in the marketing and costing of publications, both print-based and electronic. Major markets are examined in light of the promotional, distribution, estimation, and production models that ensue. A comparison is drawn between traditional and electronic forms, their interdependencies studied and solutions proposed for issues specific to each kind of product.

ACOM 4481 – Document Production II**(3 credits) 2 hours lecture, 2 hours lab**

This course continues the work done in Applied Communications 3381. Students solicit and evaluate articles, design and commence layout, and source printers and other suppliers. Organizational tasks such as promotion and finance continue; preparation for adaptation to the web commences. Students finish laying out, proofing and correcting documents commenced in the previous production course.

Prerequisite: Applied Communications 3381.

AIR FLIGHT TRAINING (AIRF)**AIRF 1101 – Introduction to Aviation Navigation****(3 credits) 3 hours lecture**

This course introduces students to aviation navigation in preparation for their Commercial Pilot's License. It is designed in part to provide students with the knowledge to not only achieve the Transport Canada requirements respecting navigation and aviation operations but to develop a broader understanding of air navigation.

AIRF 1109 – Introduction to Aviation Meteorology (Introductory)**(3 credits) 3 hours lecture**

This course meets the meteorology requirements for the Department of Transport Commercial Pilot's Licence, basic meteorology as it applies to aviation and the ability to interpret weather information for pilots as supplied by Atmospheric Environment Services.

Prerequisite: Acceptance into the Aviation program or Instructor's permission.

AIRF 1130 – Aircraft Engines**(3 credits) 3 hours lecture**

This course is designed to give students a theoretical, practical and working knowledge of an aircraft piston engine and its ancillary controls. Students will also be introduced to the turbo prop and turbo jet engine.

AIRF 2101 – Aviation History and Air Law**(3 credits) 3 hours lecture**

This course is a wide-ranging examination of the Aviation regulations, including the structure of the regulatory system, the organization of the Canadian Aviation Regulations and the rules of the air. Students will also explore the historical context of the regulatory and legal environment. In addition, the course explores the implications of the legal issues that confront pilots and the airline industry.

AIRF 2111 – Aeronautics, Industry and Flight Operations**(3 credits) 3 hours lecture**

This course is aimed at developing students' understanding of the aviation industry, flight operations and aeronautics. Topics include physics of flight, aircraft identification, professional conduct, pilot decision making, and the present state of the industry.

Prerequisite: Air Flight Training 1101.

AIRF 2209 – Advanced Aviation Meteorology**(3 credits) 3 hours lecture**

This course prepares students for the meteorological portion of the Instrument Flying Test. It deals with practical flight planning problems, both low level and high level. Upon successful completion of the course students should have a good grounding in practical meteorological problems confronting an aircraft captain.

Prerequisite: Air Flight Training 1109.

AIRF 2240 – Aviation Management**(3 credits) 3 hours lecture**

This course is an introduction to the economics of air transportation in the Canadian airline industry. Topics explored include airline strategy and market barriers, demand and supply of air services, elasticity of air demand, capacity management, scheduling, cost management, government regulation, risk management, and safety management systems. Relevant current issues in the industry are also discussed.

AIRF 3202 – Multi-Engine Instrument Rating and GPS**(3 credits) 3 hours lecture**

This course is designed to introduce students to the theory and practice of advanced instrument flying and GPS systems. They will be exposed to IFR navigation and the air law respecting instrument flying. The material in Transport Canada's Study and Reference Guide for Instrument Rating will also be covered through lectures.

Prerequisite: Air Flight Training 2111.

AIRF 3206 – Advanced Operations, GPS, and Crew Coordination**(3 credits) 3 hours lecture**

This course is designed to give students advanced knowledge of aircraft operations, performance, and navigation. Students will also be taught the theory and practice of multi-crew operations and Standard Operating Procedures.

Prerequisite: Air Flight Training 3202.

AIRF 3210 – Aviation Technology and Aircraft Systems**(3 credits) 3 hours lecture**

This course is designed to give students a theoretical and working knowledge of aircraft systems and the technology used in aviation systems.

Prerequisite: Air Flight Training 1130.

AIRF 3242 – Human Factors and Aviation Safety**(3 credits) 3 hours lecture**

This course examines current issues related to aviation safety. Of primary interest are human factors as they apply to pilots, air traffic control, managers, and other related parties. The impact of human factors on aviation safety will be investigated. Aviation psychology and physiology will be discussed, and strategies for successful pilot decision-making will be developed. Case studies will involve both Air Transport Category and General Aviation aircraft situations. The transportation of dangerous goods and accident investigation will be introduced.

AIRF 2299, 3399 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

APPLIED JUSTICE (AJUS)**AJUS 2010 – Directed Field Studies I**

(15 credits)

Applied degree work semesters are designed to provide an extension of the learning process into a relevant work environment. Each Directed Field Studies must be a minimum of 450 hours of paid work in an approved agency. Work terms provide students with an opportunity to integrate theoretical concepts with practical applications; familiarize students with the justice system and its place within the community; familiarize students with current programs, agencies, policies and procedures; provide students with an opportunity to develop and demonstrate their skills and abilities; and foster in students an attitude of professionalism and ethical practice. Students will be required to participate in an orientation to the work-term and to familiarize themselves with the work-term manual and its policies. During the work-term, students will also be required to participate in a methods integration seminar. This seminar will provide an opportunity to engage in reflection and discussion of significant learning experiences within the work setting with a member of the faculty.

Prerequisites: Students must have satisfactorily completed the course requirements for the first four (4) semesters of the program.

AJUS 3010 – Directed Field Studies II

(15 credits)

Applied degree work semesters are designed to provide an extension of the learning process into a relevant work environment. Work-terms provide students with an opportunity to integrate theoretical concepts with practical applications; familiarize students with the justice system and its place within the community; familiarize students with current programs, agencies, policies and procedures; provide students with an opportunity to develop and demonstrate their skills and abilities; and foster in students an attitude of professionalism and ethical practice. Students will be required to participate in an orientation to the work-term and to familiarize themselves with the work-term manual and its policies. During the work-term, students will also be required to participate in a methods integration seminar. This seminar will provide an opportunity to engage in reflection and discussion of significant learning experiences within the work setting with a member of the faculty.

Prerequisites: Students must have satisfactorily completed Work Term I and all of the course requirements for the first six (6) semesters of the program.

AJUS 3301/CRJS 4001 – Human Rights and Civil Liberties

(3 credits) 3 hours lecture

This course explores the relationship between individuals and the nation state. Beginning with a review of competing paradigms related to Human Rights and Civil Liberties, emphasis will be placed on the Canadian Charter of Rights and Freedoms and its interpretation by the judiciary. Issues such as equality before the law, freedoms of expression and religion, obscenity and hate literature will be explored.

Prerequisites: Applied Justice 2201 and 2203.

AJUS 3303/CRJS 4003 – Criminological Theory

(3 credits – TG) 3 hours lecture

Relying primarily on a lecture and group discussion format, the course will involve examining the original works of selected theorists. Emphasis will be placed on the economic, political, and social context in which theories emerged and how they are reflected in criminal justice practice. Among the perspectives covered will be: positivist explanations; the classical and neo-classical schools of thought; biological explanations; conflict criminology; and the new integrated and interdisciplinary theories.

Prerequisites: Applied Justice 2201 and 2203.

AJUS 3309/CRJS 3009 – Crisis Intervention and Conflict Resolution Strategies

(3 credits) 3 hours lecture

This course will introduce theoretical and practice-based models of crisis intervention and conflict resolution. Students will become familiar with, and learn to analyze and respond to common situations that they may face as criminal justice practitioners. The curriculum will focus on such situations as suicide, relationship violence, sexual assault, chemical dependency, mental health, Post Traumatic Stress Disorder, institutional violence, vicarious victimization and “burnout.”

Prerequisites: Applied Justice 2201, 2203, 2211 and 3313.

AJUS 3311/CRJS 3011 – Criminal Law

(3 credits – TG) 3 hours lecture

In this course, students will focus on the process of legal problem solving. Students will gain experience in the unique deductive logic within the context of current Canadian criminal law.

AJUS 3325 – Justice Practicum I

(6 credits) 3 hours tutorial biweekly, 360 hours practicum

This course involves supervised study and practice. Students spend two and one half days a week in a justice-related agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge and skill in social work methods. During agency work, attention is given to developing students’ specific skills and competencies in relation to the Department’s experiential learning outcomes. Seminars will focus on integrating relevant Justice Studies’ program outcomes with students’ work in the field.

Prerequisites: Applied Justice 2213 and 3307.

AJUS 4401/CRJS 3001 – Quantitative Research Methods and Data Analysis

(6 credits – TG) 3 hours lecture, 2 hours tutorial

This course provides a detailed examination of quantitative research and data analysis techniques used in criminological research. Within the context of common sources of criminological/criminal justice data, students will learn how to apply descriptive and inferential statistics in quantitative research. Common measures of central tendency, dispersion and association, as well as multivariate analysis will be applied to disaggregated and aggregated data. Students will also be introduced to emerging trends in quantitative data analysis in criminological research such as crime pattern analysis.

Prerequisite: Applied Justice 2215.

AJUS 4405/CRJS 3005 – Qualitative Research Methods

(3 credits – TG) 3 hours lecture

This course introduces students to naturalistic/qualitative research methods and their application to issues of crime and justice in contemporary society. Students are guided through a process of designing and selecting data collection methods that are appropriate, well thought out and valid.

Prerequisite: Applied Justice 3313.

AJUS 4415/CRJS 4015 – Advanced Topics in Law, Criminology and Criminal Justice

(3 credits – TG) 3 hours lecture

This course is designed to offer instruction in topical and timely areas of academic interest in the study of law, criminology and criminal justice (e.g., terrorism, victimology, crime and media, crime prevention and community development).

Prerequisites: Applied Justice 2201, 2203, and 3311.

AJUS 4417/CRJS 4017 – Casework Methods and Practice

(3 credits) 3 hours lecture

This course provides an examination of the principles, ethics, values and varying components of an effective casework process. A general systems approach is utilized in an application to case studies and the realities of a helping relationship in the justice system.

Prerequisites: Applied Justice 2211 and 3313.

AJUS 4421/CRJS 4021 – Women and Crime

(3 credits – TG) 3 hours lecture

This course is an advanced-level study, comparison and critical evaluation of the multiple dimensions (theories, disciplines, systems) concerning women in the Canadian criminal justice system: women as offenders, as victims and as criminal justice workers.

Prerequisites: Applied Justice 2201, 2203, 2213 and 3301.

AJUS 4425 – Justice Capstone Practicum II

(6 credits) 3 hours tutorial biweekly, 415 hours practicum

This course involves supervised study and practice. Students spend three and one half days a week in a justice-related agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge and skill in social work methods. During agency work, attention is given to developing students' specific skills and competencies in relation to the Department's experiential learning outcomes. Seminars will focus on integrating relevant Justice Studies' program outcomes with students' work in the field.

Prerequisite: Applied Justice 3325.

AJUS 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ANTHROPOLOGY (ANTH)**ANTH 1101 – Introduction to Primatology and Human Evolution**

(3 credits – TG) 3 hours lecture

This course will consider human evolution, the role of biosocial phenomena in the evolution of physical structure and social behaviour, and the origins and development of culture.

**ANTH 1102 – Introduction to Biological Anthropology**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course is a survey of major topic areas in Biological Anthropology including human evolution, Mendelian and population genetics, osteology, and human variation. In the laboratory portion of this course, students will engage in applied exercises for each of the given areas.

**ANTH 1103 – Introduction to Cultural Anthropology**

(3 credits – TG) 3 hours lecture

This course is a cross-cultural exploration of the nature of human culture and society: its elements, variability and perpetuation. Topics will include symbolism and meaning, subsistence strategies, sex and gender, kinship, social organization, and political, economic, and religious institutions.

**ANTH 1104 – Introduction to Archaeology**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course introduces the basic principles used in archaeological exploration throughout the world. In lecture and lab settings, students will study and use the processes with which archaeologists work in the field, including mapping and site location methods, excavation practices and artifact processing, artifact and site interpretation, and principles of cultural heritage management.

**ANTH 1105 – Ancient Peoples and Places**

(3 credits – TG) 3 hours lecture

This course provides a broad survey of Old and New World archaeology from the emergence of humans and the development of culture from hunting/gathering to agriculture and ancient complex societies.

**ANTH 1106 – Introduction to Linguistic Anthropology**

(3 credits – TG) 3 hours lecture

This course explores the anthropological study of language, culture, and communication. Topics will include the origin, evolution and socio-historical development of languages, the structure of language, comparative analysis and classification of languages, the impact of language and culture on one another, how language is used in particular socio-cultural contexts, and a brief survey of field methods, analytical methods, and theory.

**ANTH 2111 – Biological Anthropology of South Asia**

(3 credits – TG) 3 hours lecture

This course offers an overview of prehistoric human dispersals, trends in human evolution, and biological variation among South Asian populations. Emphasis will be placed upon the fossil record, archaeological evidence, and recent morphological, genetic and linguistic diversity of South Asians.

Prerequisite: Anthropology 1101 or 1102 or consent of the department.

**ANTH 2204 – Archaeology of North America**

(3 credits – TG) 3 hours lecture

This course is a general survey of the prehistory of the North American continent north of Mexico, beginning with the earliest evidence for human occupation in the western hemisphere and ending with the period of European contact. Selected geographical and cultural areas include the Arctic, the Northwest Coast, California, the Southwest, the Eastern Woodlands, and the Prairie-Plains.

**ANTH 2206 – Cross-Cultural Communication and Business**

(3 credits – TG) 3 hours lecture

This course explores ways in which differences in cultural patterns of communication affect interaction between business parties, particularly those of differing cultural/national/ethnic backgrounds.

ANTH 2213 – Contemporary Aboriginal Issues in Canada

(3 credits – TG) 3 hours lecture

This course considers the history of Aboriginal-state relations, the development of "Indian policy" in Canada and socio-cultural and legal aspects of current issues (such as land claims treaties, status of women, human rights, and expression of aboriginal identity and stereotyping of Aboriginal people) that various Aboriginal groups define as central to their existence and cultural survival.

ANTH 2214 – Ethnography of the Northwest Coast

(3 credits – TG) 3 hours lecture

This course is a survey of the aboriginal cultures of the Northwest Coast. Initial topics include prehistory, language, subsistence and settlement patterns, material culture, social organization, religion, ceremonial life and traditional art and mythology. Subsequent discussion will focus on European contact and colonization, social change, and major contemporary issues such as aboriginal rights, land claims and the environment.

Recommended Preparation: At least one 1000-level course in Anthropology, Archaeology, Psychology or Sociology.

ANTH 2215 – Archaeology of the Levant

(3 credits – TG) 3 hours lecture

This course examines four successive phases of civilization and its development within Syria, Lebanon, Cyprus, Israel and Jordan, from the third millennium BC through the decline of Roman domination during the third century AD. The emphasis is on understanding the characteristics of those civilizations, and how each civilization responded to external cultural influences from its rise to its demise.

Prerequisite: Anthropology 1104 or consent of the department.

Recommended Preparation: Anthropology 1105 or 2225.

ANTH 2218 – Culture and Society in Contemporary India

(3 credits – TG) 3 hours lecture

This course is a selective survey of contemporary India with an emphasis on the ways that colonialism, globalization and the media have intersected with and shaped contemporary Indian life and the identities of the Indian populace. Topics include religion, family, gender, the partition of India, nationalism, and the Indian diaspora.

Prerequisite: Anthropology 1103 or consent of the department.



ANTH 2221 – Hot Topics in Old World Prehistory

(3 credits – TG) 3 hours lecture

This course is designed to help students think critically about contemporary controversial topics dealing with biological and cultural origins of our early human ancestors of Africa, Eurasia, and Australia between 5 million and 40,000 years ago. Topics may include molecular advances, new hominin fossil discoveries, bipedalism, sexual dimorphism, behavioural reconstructions, and archaeological site interpretation.

Prerequisite: Anthropology 1101 or 1102 or consent of the department.



ANTH 2225 – Ancient Civilizations

(3 credits – TG) 3 hours lecture

This course critically examines the theories and facts behind what is meant by “civilization”, the origins of agriculture and its impact on social complexity. The focus is on several of the earliest civilizations in both the Old and New World, including the Sumerians of Mesopotamia, the Harappans of the Indus Valley, Old Kingdom Egypt, China, the Andes, and the Maya of Mesoamerica.

ANTH 2229 – Anthropology of “Race”

(3 credits – TG) 3 hours lecture

This discussion-based course takes a critical examination of historical and modern anthropological perspectives on the biological term “race”. Historically, race in a Biological Anthropology context examines the classification of modern human physical variation. Today this context has expanded including the impact of genetic variation, biological determinism of race and racial definitions of ancient human ancestors.



ANTH 2231 – The Anthropology of Gender

(3 credits – TG) 3 hour lecture

This course is a comparative analysis of gender as a central feature of social identity and social relations of power. Biological, archaeological, feminist and post-modern approaches to the understanding of women's and men's experiences in their historical and cultural varieties form the basis of the course. Case studies will be drawn from western and non-western cultures around the world.

Prerequisite: Anthropology 1103 or consent of the department.



ANTH 2233 – The Anthropology of Religion

(3 credits – TG) 3 hours lecture

This course surveys anthropological approaches to the study of religion. Topics will include religious specialists, such as shamans, sorcerers and priests; practices such as witchcraft, sacrifice, spirit possession, and healing; the role of religion and religious rituals in various cultures; and the ways in which religious belief and practice responds to and promotes social and cultural change.

Prerequisite: Anthropology 1103 or consent of the department.

ANTH 2241 – Ethnography in Anthropology

(3 credits – TG) 3 hours lecture

Ethnography (“writing culture”) is central to the discipline of Anthropology. Through the reading of complete ethnographic works and critical treatises on ethnography, students will explore the entirety of the ethnographic enterprise: how ethnography allows unique insights into specific cultures, how ethnographic research is designed and carried out, how ethnographic texts are constructed, and how ethnographic representations have been responded to and interpreted.

Prerequisite: Anthropology 1103.

ANTH 2243 – Anthropology Through Film

(3 credits – TG) 3 hours lecture

This course takes a historical and theoretical perspective of ethnographic film, the visual medium through which anthropologists and filmmakers have “captured” and presented human cultural experience for almost 100 years. Students will engage in a critical analysis of the representations presented in ethnographic film and consider relationships between the development of the ethnographic film genre and the development of Anthropology as a whole.

Prerequisite: Anthropology 1103 or consent of the department.



ANTH 2251 – Economic Anthropology

(3 credits – TG) 3 hours lecture

This course will examine the political and culturally embedded nature of economies by undertaking a comparative analysis of production, distribution and consumption in small-scale and complex societies. There will be a focus on the effects of global capitalism upon local economic systems.

Prerequisite: Anthropology 1103 or consent of the department.

ANTH 2255 – An Ethnographic Survey of Native North America

(3 credits – TG) 3 hours lecture

This course provides an overview of native cultures of North America, examining relationships among subsistence and settlement patterns, material culture, social and political organization, ideological structures, ceremonial life, mythology and art. Because of the number and diversity of native peoples in North America, “typical” groups from each culture area will form the basis of description and analysis.

Prerequisite: Anthropology 1103 or consent of the department.

ANTH 2258 – Anthropology in the Public Eye

(3 credits – TG) 3 hours lecture

This discussion-based course focuses on the public's perception of Anthropology, not content of Anthropology itself. Students will take an anthropological perspective by critically examining and evaluating the relevance, and substance of current topics such as the role of the media, popular perspectives, public engagement, repatriation of mortuary remains, anthropological representation in museums, ethics, and the antiquities trade.



ANTH 2270 – Archaeology of Egypt and the Nile Valley

(3 credits – TG) 3 hours lecture

This course provides an overview of the development of civilizations along the Nile. Beginning with hunter-gatherers, archaeological evidence will be reviewed detailing the transition to civilizations. Emphasis will be placed upon archaeological evidence, history and epigraphy in understanding the two major civilizations of the Nile Valley: Egypt and Kush.

ANTH 2290 – Field Course in Archaeological Techniques I**(3 credits – TG) 3 weeks Field Work**

This course provides an introduction to the practical application of modern field techniques in Archaeology, including excavation and recording and analysis of sites, artifacts, and related materials. The course will require travel to an archaeological site, usually during the summer.

Prerequisites: Anthropology 1104 and consent of the department.

Note: Anthropology 2253 and 2290 cannot be used as partial credit for 2291.

Note: Students will be responsible for paying all costs, including travel associated with the field school experience.

ANTH 2291 – Field Course in Archaeological Techniques II**(6 credits – TG) 6 weeks Field Work**

This course provides a comprehensive introduction to the practical application of modern field techniques in archaeology, including excavation and recording and analysis of sites, artifacts, and related material. This course will require travel to an archaeological site, usually during the summer.

Prerequisite: Anthropology 1104 and consent of the department.

Note: Anthropology 2253 and 2290 cannot be used as partial credit for Anthropology 2291.

Note: Students will be responsible for paying all costs, including travel, associated with the field school experience.

ANTH 3201 – Lithic Analysis**(3 credits) 3 hours lecture, 3 hours lab**

In this intensive course, students will develop an applied knowledge of analytical approaches in the interpretation of lithic (stone) materials found at archaeological sites. The focus is on the descriptive analysis of lithic forms including: typology versus technology, raw material identification, quantitative measurements, and various functional interpretations as applied to reconstructing ancient human life-ways.

Prerequisites: Anthropology 1104 and 2225, or consent of the department.

Strongly Recommended: Anthropology 3307.

ANTH 3302 – Ethnographic Methods**(3 credits – TG) 3 hours lecture**

This class will explore the ways in which ethnographic research is designed, carried out, and analyzed. A variety of ethnographic methods will be discussed, with an emphasis on conducting participant-observation and on in-depth interviewing. Under the guidance of the instructor, students will design, conduct, and report on an ethnographic project of their own choosing.

Prerequisite: Anthropology 2241 or 3305 or consent of the department.

ANTH 3304 – Anthropological Perspectives on Globalization**(3 credits – TG) 3 hours lecture**

Anthropologists study globalization to learn how the complex flows of people, goods, capital, and ideas that traverse the globe are understood, experienced, and negotiated by peoples in specific contexts. This class will explore the ways that living in a globalized world affects the lives, sensibilities, and identities of the inhabitants of the so-called “global village”.

Prerequisite: Anthropology 1103 or General Education 1301 or consent of the department.

ANTH 3305 – History of Anthropology**(3 credits – TG) 3 hours lecture**

This course follows the historical development of Anthropology from early predecessors to its inception as an academic discipline in the nineteenth century and finally to present-day configurations. Emphasis will be placed on the creation of American and Canadian anthropology, the development of specialized approaches within the four fields of anthropology, and the impacts of feminism and postmodernism.

Prerequisites: One of Anthropology 1103 or 1106 and one of Anthropology 1102 or 1104, or consent of the department.

**ANTH 3307 – Statistics for Anthropology****(3 credits – TG) 1 hour lecture, 2 hours tutorial**

This course offers an introduction to descriptive and inferential statistical techniques as applied to anthropological research. Through instruction and laboratory practice, students will develop a working knowledge of how statistical concepts can be used to correctly analyze, interpret, and evaluate research findings.

Prerequisites: Anthropology 1102 or 1104 and Anthropology 1103 or 1106 and one of the second year core courses (Anthropology 2225, 2229, or 2241) or consent of the department.

Strongly recommended: Mathematics 30 (Pure or Applied).

ANTH 3309 – Ceramic Analysis**(3 credits – TG) 3 hours lecture, 3 hours lab**

In this intensive survey course, students will develop a working knowledge of and approach to all aspects of current archaeological and contemporary ceramics research through lectures and hands-on labs. The course content is structured to lead directly into research design development for a study of ceramics within the student's area, culture(s) and time period(s) of interest, from prehistoric to contemporary cultures worldwide, including ethnoarchaeology.

Prerequisite: Anthropology 1104, or consent of the department.

Strongly recommended: Anthropology 3307.

ANTH 3311 – Practical Problems in Archaeological Interpretation**(3 credits – TG) 3 hours lecture**

In this course students analyze and interpret data sets from archaeological sites worldwide, focusing on the interrelationships between theory, method, and interpretation. The student will develop a solid working knowledge of approaches on those data sets and their interpretation through a series of readings and exercises focused on data interpretation.

Prerequisites: Anthropology 1104 and two Anthropology courses at the 2000 level, or consent of the department.

ANTH 3317 – Anthropological Perspectives on Africa**(3 credits) 3 hours lecture**

This seminar-based course examines the story of the Atlantic slave trade and colonialism in Africa from an ethnohistorical perspective, archaeological evidence and societal attitudes of “The Other.” Representations of Africans and their material culture are viewed through examples such as the Venus Hottentot, the Great Zimbabwe, plantation archaeology, and the Negro Burial Ground.

Prerequisites: Anthropology 1103 or 1105 and Anthropology 2229 or consent of the department.

ANTH 3319 – Ethnography of the Great Plains**(3 credits – TG) 3 hours lecture**

This course is a comparative study of peoples of the Great Plains past and present. Focus is upon the material culture, settlement and subsistence patterns, language, social and political structures, gender roles, religion, world view, ritual and art of the indigenous peoples of the region. Anthropological and ethnohistorical sources will form the primary data, with a comparison to aboriginal sources.

**ANTH 3321 – Human Osteology****(3 credits) 3 hours lecture, 3 hours lab**

In this intensive lab-based course, students will identify and interpret human skeletal and dental remains using techniques in Biological Anthropology. Assessment of qualitative features, quantitative measurement analyses, and forensic approaches are central components of this field of study. Areas of focus will be functional anatomy, palaeopathology and applied osteology.

Prerequisites: Anthropology 1102 and 2229 or consent of the department.

Strongly Recommended: Anthropology 3307.

ANTH 3322 – Human Adaptation

(3 credits – TG) 3 hours lecture

This course examines the processes involved in interpreting modern human diversity. Emphasis is placed on biological adaptive responses to particular environments and the cultural influences affecting human diversity. Topics include heat and cold stress, high and low altitude adaptations, skin colour, and physical structure of the human body.

Prerequisites: Anthropology 1101 or 1102 and 1103 and 2229, or consent of the department

ANTH 3341 – Medical Anthropology

(3 credits – TG) 3 hours lecture

Medical Anthropology explores beliefs, practices and experiences of health, illness and healing in cross-cultural perspective. Topics will include the role of healers, their patients, and the relationship between the two, the cultural aspects of biomedicine, the ways in which the members of different cultures experience, understand and treat illness, and the transformation of traditional medical systems in the face of globalization.

Prerequisite: Anthropology 1103 or consent of the department.

**ANTH 3342 – Perspectives on Discourse Tactics**

(3 credits – TG) 3 hours lecture

This course examines cultural constructions of narrative and discourse. Topics include inter-tribal and inter-ethnic interaction; communication between genders and classes; discourse in institutional settings such as the courtroom, classroom and work settings; and discourse in the media.

Prerequisites: Anthropology 1106 and 2206 or consent of the department.

ANTH 3379 – Urban Anthropology

(3 credits – TG) 3 hours lecture

This course is a study of tribalism, ethnicity, sub-cultures, social networks and related phenomena in urban societies. Attention will be paid to planning and applied urban Anthropology.

Prerequisite: Anthropology 1103 or consent of the department.

**ANTH 4401 – Anthropological Theory**

(3 credits – TG) 3 hours lecture

This course follows the development of anthropological theory from the inception of Anthropology as an academic discipline in the nineteenth century to contemporary theoretical configurations. Emphasis will be placed on the development of specialized approaches within the discipline. Examples and case studies will come from archaeology, biological anthropology, cultural anthropology and linguistic anthropology.

Prerequisite: Anthropology 3305 or consent of the department.

ANTH 4450 – Advanced Topics in Cultural Anthropology

(3 credits – TG) 3 hours lecture

The specific topics of this seminar will vary based on the specialties of the faculty in cultural anthropology.

Prerequisites: Anthropology 2241 and 3305; or consent of the department.

ANTH 4451 – Advanced Topics in Biological Anthropology

(3 credits – TG) 3 hours lecture

The specific topic of this seminar will vary with the specialties of the faculty, while focusing on a developing area of interest in biological anthropology.

Prerequisites: Anthropology 2229 and 3305 or consent of the department.

ANTH 4452 – Advanced Topics in Linguistic Anthropology

(3 credits) 3 hours lecture

The specific topics of this seminar will vary based on the specialties of the faculty in linguistic anthropology.

Prerequisites: Anthropology 1106 and one of Anthropology 2206 or 3342, or consent of the department.

ANTH 4850 – Advanced Topics in Archaeology

(3 credits – TG) 3 hours lecture

The specific topic of this seminar-based course may vary with the specialties of the faculty in Anthropology and their research activities.

Prerequisites: Anthropology 2225 and 3305.

Note: Consult with the Anthropology Advisor or the Department of Sociology and Anthropology for the specific topic to be covered.

ANTH 5110 – Research Design and Professional Development

(3 credits) 3 hours lecture

This course will provide a solid foundation for the design and organization of an advanced research project in Anthropology. Students will receive coaching through a series of group workshops and student-faculty advisor contact in research design and professional development, culminating in the production and dissemination of an honours thesis proposal.

Prerequisite: Anthropology 3305.

Note: This course is restricted to students in the final year of their program who are officially accepted and enrolled in the Anthropology Honours Program.

ANTH 5120 – Honours Thesis

(3 credits) 3 hours lecture

Anthropology Honours students are required to demonstrate their mastery of anthropological knowledge, including method and theory, by completing an independent written research project, culminating in an honours thesis.

Prerequisites: Anthropology 4401 and 5110.

Note: These prerequisite courses must be successfully completed by or during the fall term of the student's final year in the Anthropology Honours BA degree. Co-op students may be exempt from this timing requirement.

Note: This course is restricted to students who have been accepted into and are enrolled in the Anthropology Honours program.

ANTH 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ART HISTORY (ARTH)**ARTH 1101 – The History of Art: Prehistory to Renaissance**

(3 credits – TG) 3 hours lecture

This course provides a critical overview of the visual arts from the Old Stone Age to the Renaissance. Students are offered a systematic study of aesthetics and the development of art styles which will enable them to develop a basic appreciation and understanding of art and its origins.

**ARTH 1103 – The History of Art: Renaissance to the Present**

(3 credits – TG) 3 hours lecture

This course provides a critical overview of the visual arts in Western Europe from the Renaissance to contemporary times.

Recommended Preparation: Art History 1101.

**ARTH 2205 – Art and Architecture of Canada: 1870 to the Present**

(3 credits – TG) 3 hours lecture

This course provides a chronological survey of the visual arts and architecture in Canada from 1870 to the present day. Students will explore the development of the visual arts to enable them to better understand contemporary visual expression in Canada.

Recommended Preparation: Any 1000-level Art History course.

**ARTH 2207 – Curious Narratives: Provocative Themes in Art Explored**

(3 credits – TG) 3 hours lecture

Curious Narratives explores and interrogates some of the significant themes in art that have emerged across time. Themes such as art and power, class, revolution, and exoticism will be explored through a variety of sources. Artistic production including architecture, painting and sculpture will be examined to reveal thought-provoking connections across boundaries and time.

Recommended Preparation: Any 1000-level Art History course.



ARTH 2209 – History of Modern Art from 1850 to 1920**(3 credits – TG) 3 hours lecture**

This course is a critical look at the major schools, movements and themes of modern art in Europe and North America from 1850 to 1920.

Recommended Preparation: Any 1000-level Art History course.

**ARTH 3309 – Modern Architecture****(3 credits – TG) 3 hours lecture**

This course focuses on developments in architecture from the mid-nineteenth century to 1960. The course will examine new architectural forms that emerged during this time, brought about by profound social, cultural, political and technical transformations.

Recommended Preparation: Any 1000-level Art History course.

**ARTH 3311 – History of Modern Art from 1920 to 1970****(3 credits – TG) 3 hours lecture**

This course is a critical look at the major schools, movements and themes of modern art in Europe and North America from between the World Wars to 1970.

Recommended Preparation: Any 1000-level Art History course.

**ARTH 3313 – Impressionism: Art, Leisure & Society****(3 credits – TG) 3 hours lecture**

This course will focus on the social history of Paris 1865-1885 as reflected in the subject matter of Impressionist art, particularly leisure issues such as industrialization, class, the secularization of society, the critic-dealer, and gender inequality also figure prominently.

Recommended Preparation: Any 1000-level Art History course.

**ARTH 3315 – Art & Ideas****(3 credits – TG) 3 hours lecture**

Art and Ideas investigates the discipline of art history through the exploration of influential art historical methodologies and theoretical perspectives that have emerged in the discipline.

Recommended Preparation: Any 1000-level Art History course.

ARTH 3317 – Contemporary Art from 1970 to Today**(3 credits – TG) 3 hours lecture**

This course examines Contemporary art from 1970 to the present in different geographic contexts focusing on various genres, themes and stylistic movements. In exploring the changing meaning of visual culture, the lectures analyze the theories, concepts and institutions informing current art practices.

Recommended Preparation: Any 1000-level Art History Course.

**ARTH 3401 – The Grand Tour: Travel Studies in Western Europe****(3 credits – TG) 3 hours lecture**

The art and architecture of selected western European regions will be explored from an interdisciplinary perspective as a prelude to a field study trip to Europe, offering students an experiential knowledge and a greater appreciation of the regions' artistic and cultural history.

Prerequisites: General Education 1201, 1202, or 1203 and consent of the department.

Recommended Preparation: Art History 1101 and/or 1103.

Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

ARTH 3402 – Travel Studies in Art and Architecture**(3 Credits – TG) 3 hours lecture**

This course is designed to promote a first-hand and focused engagement with art, architecture, and current exhibition practices. The locations of study will vary but will include at least one multi-night trip to destinations such as New York, Chicago, Los Angeles, Toronto and Montreal.

Recommended Preparation: Art History 1101 and/or 1103.

Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

ARTH 4411 – Architecturae: Poetic Intentions in Architecture**(3 credits – TG) 3 hours lecture**

This advanced seminar examines significant buildings with the intention of discovering their essential nature. Students will explore architecture as the embodiment of ideas through the investigation of concepts ranging from light, transparency, opacity and texture, to more nuanced themes, such as the narrative of passage, extreme topographies and genius loci. The seminar provides opportunities for the exploration of links between theory and design in contemporary architecture.

Prerequisite: One 2000-level or 3000-level Art History course.

ARTH 4850 – Topics in Art History**(3 credits – TG) 3 hours lecture**

This course offers the opportunity for advanced study of selected topics in art history. Specific content will vary by term and instructor.

Prerequisite: One of Art History 3309, 3311, 3313, 3315 and 3317.

ARTH 3199, 4199 – Directed readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ADVANCED STUDIES IN PERINATAL AND NEONATAL NURSING (ASPN)**ASPN 5501 – Development and Homeostasis****(3 credits – TG) Distance Delivery**

This course serves as an introductory course for the ASPN Post-Basic Certificate program. As such, it is a prerequisite or co-requisite for all other ASPN courses. The intent of this course is to investigate elements that must be in balance to move along a trajectory toward optimal health and development. Students will focus on one of two populations: perinatal or neonatal.

ASPN 5503 – Assessment**(3 credits – TG) Distance Delivery**

This course focuses on the knowledge and skills required to perform physiological and behavioral assessments. Students will focus on one of two populations: perinatal or neonatal.

Pre or Co-requisite: Advanced Studies in Perinatal and Neonatal Nursing 5501 or approval of department chair.

ASPN 5506 – Critical Moments I**(3 credits – TG) Distance Delivery**

This course uses an adaptation-development framework to examine selected critical moments that may occur in the perinatal or neonatal populations. Students will focus on one of the two patient populations: perinatal or neonatal. A critical moment is defined as the culmination of events that influences the patient to diverge from a trajectory toward health. For example, childbirth and the recovery phase are considered as critical moments in the perinatal period. Students will focus on one of the two patient populations. Students in the neonatal stream will also focus on the therapeutic modalities that promote the childbearing family's or neonate's return to homeostasis.

Pre or Co-requisites: Advanced Studies in Perinatal and Neonatal Nursing 5501, 5503 or approval of department chair.

ASPN 5508 – Critical Moments II**(3 credits – TG) Distance Delivery**

This course uses an adaptation-development framework to examine selected critical moments that may occur in the perinatal, or neonatal populations. Students will focus on one of the two patient populations. Practice, legal and ethical issues of perinatal or neonatal nursing are explored within the context of the patient, family and community. Areas of discussion include parental responses and caring practices, vulnerability and outcomes, legal principles, ethical dilemmas and decision making.

Pre or Co-requisites: Advanced Studies in Perinatal and Neonatal Nursing 5501, 5503, 5506 or approval of department chair.

ASPN 5511 – Advanced Decision-Making in Neonatal Intensive Care**(3 credits – TG) Distance Delivery**

This course focuses on professional development and nursing practice in the Neonatal Intensive Care Unit. Theory related to advanced assessment, problem identification and intervention will be examined with particular emphasis on newborn resuscitation and stabilization.

Prerequisites: Advanced Studies in Perinatal and Neonatal Nursing 5501, 5503, 5506, 5508 and 5591 or approval of department chair. The student must have maintained a focus on the neonatal population throughout their studies in the Advanced Studies in Perinatal and Neonatal Nursing program.

Note: Students may register for this course only, providing they successfully complete a pretest and submit evidence of prior learning.

ASPN 5591 – Neonatal Nursing Clinical Experience**(6 credits – TG) 210 hours clinical practice**

Students will be provided with the opportunity to integrate and apply knowledge of assessment, homeostasis, and adaptation to the neonate in a variety of clinical settings including Special Care Nursery, Level 3 Intensive Care and in the community. With the approval and assistance of the program faculty, students will select a clinical experience that best meets their program objectives.

Pre or Co-requisites: Advanced Studies in Perinatal and Neonatal Nursing 5501, 5503, 5506, 5508 and approval of the department.

Note: This is an instructor-guided preceptored experience.

ASPN 5593 – Perinatal Nursing Clinical Experience**(6 credits – TG) 210 hours clinical practice**

Students will be provided with the opportunity to integrate and apply knowledge of homeostasis and adaptation to the antenatal, labour and delivery, and postpartum/newborn periods. Students will select a clinical experience in supportive care during the antenatal period, labour and birth or supportive care for breast-feeding and postpartum families.

Pre or Co-requisites: Advanced Studies in Perinatal and Neonatal Nursing 5501, 5503, 5506, 5508 and approval of the department.

Note: This is an instructor-guided preceptored experience.

ASTRONOMY (ASTR)**ASTR 1101 – The Solar System****(3 credits – TG) 3 hours lecture**

This is primarily a descriptive course aimed at non-science students. Conceptual understanding will be stressed over strict mathematical derivation. The topics covered in this course emphasize astronomy in our own solar neighbourhood. Topics include the Sun, the terrestrial and Jovian planets and their moons, comets, asteroids, as well as the formation of the solar system.

Note: Only one of Astronomy 1101 and Astronomy 1301 can be used for graduation purposes.

**ASTR 1103 – The Universe at Large****(3 credits – TG) 3 hours lecture, 2 hours lab**

This course covers basic concepts of astronomy, with emphasis on our solar system. Topics include Newton's laws and gravitation, the Sun, the terrestrial and Jovian planets, comets, asteroids, the formation of the solar system, and extra-solar planets. This course stresses scientific explanation and uses mathematics, the language of science, whenever possible.

Note: Only one of Astronomy 1103 and Astronomy 1303 can be used for graduation purposes.

ASTR 1301 – Fundamentals of Astronomy I**(3 credits – TG) 3 hours lecture, 2 hours lab**

This course covers basic concepts of astronomy, with emphasis on our solar system. Topics include Newton's laws and gravitation, the Sun, the terrestrial and Jovian planets, comets, asteroids, the formation of the solar system, and extra-solar planets. This course stresses scientific explanation and uses mathematics, the language of science, whenever possible.

Prerequisites: Mathematics 30 (Pure or Applied) and Physics 30 or equivalent. This course is recommended for science majors.

Note: Only one of Astronomy 1101 and 1301 can be used for graduation purposes.

ASTR 1303 – Fundamentals of Astronomy II**(3 credits) 3 hours lecture, 2 hours lab**

This course covers basic concepts of astronomy, with emphasis on the universe outside the solar system. Topics include the properties of stars, the life and death of stars, galaxies, large-scale structure, and cosmology. This course stresses scientific explanation and uses mathematics, the language of science, whenever appropriate.

Prerequisites: Mathematics 30 (Pure or Applied) and Physics 30 or equivalent. This course is recommended for science majors.

Note: Only one of Astronomy 1103 and 1303 can be used for graduation purposes.

ASTR 2105 – Astrobiology**(3 credits) 3 hours lecture**

This course will give an overview of the major topics in astrobiology. Topics include the conditions and possibility for life on Mars and the icy moons, the detection and properties of exoplanets, and SETI (Search for Extraterrestrial Intelligence). This course stresses scientific explanation and uses mathematics, the language of science.

Prerequisites: Physics 1201, Biology 1202.

Recommended Preparation: Astronomy 1301 or 1303.

BIOCHEMISTRY (BCEM)**BCEM 2201 – General Biochemistry****(3 credits – TG) 3 hours lecture, 3 hours lab**

This course deals with the biochemistry of the major groups of biological molecules. Topics include carbohydrates, polypeptides, lipids, nucleic acids, and their precursors. Laboratory exercises will involve the isolation and characterization of selected biological molecules.

Prerequisite: Chemistry 2101 with a grade of C- or higher.

Prerequisite or Co-requisite: Chemistry 2102.

BCEM 3201 – Protein Biochemistry**(3 credits – TG) 3 hours lecture, 3 hours lab**

The structure function relationships that exist within this broad category of biomolecules will be investigated. Topics will include levels of protein structure, domains, mosaics, and functional roles of selected proteins or protein classes. Laboratory exercises will involve the utilization of purification techniques in the isolations of selected proteins from simple cellular systems.

Prerequisite: Biochemistry 2201 with a grade of C- or higher.

BCEM 3202 – Enzymes and Metabolic Systems

(3 credits – TG) 3 hours lecture, 3 hours lab

Students will investigate the nature of catalytic proteins, their properties, and the kinetics of enzyme catalyzed reactions. An understanding of these concepts will then be applied to some of the important metabolic pathways that support life. Laboratory exercises will highlight the study of enzymes and metabolism.

Prerequisites: Chemistry 2102 with a grade of "C-" or higher, and Biochemistry 2201 with a grade of "C-" or higher.

BCEM 4212 – Biochemical Pharmacology

(3 credits) 3 hours lecture

This course covers the fundamental biochemical and physiological concepts of pharmacology. Important concepts include drug administration, sites of action, distribution, metabolism, elimination and adverse effects. The biochemical mechanisms themselves and how they are related to physiological states and effects such as neuronal excitation, blood pressure, and inflammation will be examined. Frequently encountered drugs are used to illustrate these concepts.

Prerequisites: Biochemistry 2201 with a grade of C- or higher.

BIOLOGY (BIOL)**BIOL 0115 – Introduction to Biology**

(0 credits) 3 hours lecture, 3 hours lab

This is a credit-free upgrading course; special fees apply. Topics include energy flow in the biosphere, energy flow in the cell, adaptation, population and matter and energy exchange.

Corresponding Alberta High School Equivalent: Biology 20.

BIOL 0130 – Fundamentals of Biology

(0 credits) 3 hours lecture, 1 hour tutorial, 3 hours lab

This is a credit-free upgrading course; special fees apply. Topics in this course include: cell chemistry, cell ultra-structure, organelle function, metabolic pathways of photosynthesis and respiration, mitotic and meiotic processes, genetics and heredity and human systems.

Corresponding Alberta High School Equivalent: Biology 30.

Recommended Preparation: Biology 0115 or Biology 20.

BIOL 1202 – Introduction to Cell Biology

(3 credits – TG) 3 hours lecture, 3 hours lab

This course will employ an inquiry approach to expose students to the biology of the cell. The major groups of biological molecules will be studied prior to introducing students to how these macromolecules interact to form prokaryotic or eukaryotic cells. Laboratories will introduce students to basic equipment and techniques used in the study of cells and also develop authentic laboratory skills.

Prerequisite: Chemistry 30 or equivalent.

BIOL 1204 – The Evolution of Eukaryotes

(3 credits – TG) 3 hours lecture, 3 hours lab

This course follows Biology 1202 and moves from an investigation of cellular biology to the mechanisms of evolution which has provided much of the diversity seen in modern eukaryotes. It will provide insight into the necessity and methods of determining evolutionary history using the major groups Protista, Fungi, Plants, and Animals. Evolution will be used as a context in which biological diversity can be explained.

Prerequisite: Biology 1202 with a grade of C- or higher.

BIOL 1205 – The Organization and Diversity of Life

(3 credits – TG) 3 hours lecture

This course introduces students to the diversity of living organisms and to the common patterns of organization and function that unite them. Particular emphasis is placed on evolution as a unifying principle in biology. The evolutionary history of modern organisms is explored.

**BIOL 1212 – Human Anatomy and Physiology**

(3 credits – TG) 3 hours lecture, 2 hours lab

This course provides an introduction to the anatomy and physiology of the systems of the human body. Topics include cells and tissues plus the anatomy and physiology of the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, immune, respiratory, digestive, urinary and reproductive systems.

**BIOL 1215 – Evolution and Heredity**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is designed to give students an appreciation of evolution by explaining the mechanisms of the evolutionary process in terms of the laws of inheritance as well as the interaction of heredity and the environment. It is oriented toward human populations, their biological histories and their congenital medical problems.

Recommended Preparation: Biology 30 or equivalent.

BIOL 1216 – Human Physiology

(3 credits – TG) 3 hours lecture, 3 hours lab

This course describes how the systems of the human body perform their functions. Topics include physiology of the nervous system, hormonal control mechanisms, muscle physiology, body defence mechanisms and physiology of the reproductive, circulatory, respiratory, urinary and digestive system. Labs are designed to let the student discover and gain an appreciation of how his/her body functions.

Prerequisite: Biology 30 or equivalent.

**BIOL 1220 – Anatomy and Physiology I**

(3 credits – TG) 3 hours lecture, 3 hours lab

A basic course in human anatomy and physiology designed for students in the health studies fields. Topics include: terminology, membranes, skin and glands, cells and tissues, the skeletal system, the muscular system, central and peripheral nervous systems, autonomic nervous system, and the endocrine system. Each topic includes an emphasis on homeostasis.

BIOL 1221 – Anatomy and Physiology II

(3 credits – TG) 3 hours lecture, 3 hours lab

This course is a continuation of Biology 1220 and involves a second semester of basic human anatomy and physiology. It includes the following systems and areas: the cardiovascular system, the lymphatic system, the immune system, the respiratory system, digestion and nutrition, the urinary system, body fluids, electrolytes and fluid balance, the reproductive systems and embryology. Each topic includes an emphasis on homeostasis.

Prerequisite: Biology 1220.

BIOL 2101 – Genetics

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course will provide an overview of genetic principles through the historical recounting of seminal work and the logic used therein, and then connect theory to practical skills such as gene mapping and pedigree interpretation. Students will be introduced to the connection between the central dogma of modern biology (replication, transcription, and translation) and the establishment of phenotype. Tutorials will provide a venue for students to apply lecture theory to simulations or practical exercises. It is strongly suggested that students do not enroll in this course until their second year of studies.

Prerequisite: Biology 1202 or equivalent, with a grade of C- or higher.

BIOL 2102 – How They Do It: Patterns of Reproduction

(3 credits – TG) 3 hours lecture

Reproduction is one of the fundamental properties of living systems. This course will cover a broad range of biological topics using reproduction (both asexual and sexual) as a unifying theme.

Prerequisite: Biology 1205 or Biology 1202 with a grade of C- or higher, or consent of the department.



Note: This course is not recommended for students majoring in the biological sciences.

BIOL 2202 – Cellular and Molecular Biology**(3 credits – TG) 3 hours lecture, 1 hour tutorial**

This course provides a thorough study of cell structure and function. Topics studied are (a) basic genetic mechanisms including the characteristics of chromosomes, DNA replication and repair, transcription and translation, and the regulation of gene expression, (b) methods used to study macromolecules and to visualize cells, (c) characteristics of membranes, (d) organelles, (e) cell communication, (f) the cell cycle and cell division, (g) cell junctions, cell adhesion and the extracellular matrix, and (h) cancer.

Prerequisite: Biology 2101 or equivalent with a grade of C- or higher.

BIOL 2203 – Human Anatomy**(3 credits – TG) 3 hours lecture, 3 hours lab**

This course provides a systematic survey of the structure of the human body. Topics include cells and tissues of the body plus the anatomy of the skeletal, articular, muscular, digestive, respiratory, urinary, reproductive, circulatory, nervous, integumentary and endocrine systems. Labs are designed to provide practical demonstrations that parallel the material discussed in the lectures.

Prerequisite: Biology 1202 with a grade of C- or higher.

**BIOL 2204 – Zoology II: Deuterostomes****(3 credits) 3 hours lecture, 3 hours lab**

This course examines the biology of deuterostomes, including ambulacrarians (non-chordate deuterostomes), non-vertebrate chordates and vertebrates. Particular emphasis will be placed on the comparative anatomy of the vertebrates, and the various ways in which vertebrates have solved common biological problems. Laboratory exercises will consist largely of dissection of representative vertebrates.

Prerequisite: Biology 1204 with a grade of C- or greater, or equivalent, or permission of the department.

BIOL 2213 – Principles of Ecology and Evolution**(3 credits – TG) 3 hours lecture, 3 hours lab**

This course introduces ecological processes and evolutionary principles that explain the origin, maintenance, and dynamics of biological diversity. Ecological interactions will be studied to understand the evolution of traits, and the dynamics of populations and communities. Mechanisms of genetic change of populations will be discussed and how these changes give rise to large-scale evolutionary patterns.

Prerequisite: Biology 1204 with a grade of C- or higher.

BIOL 2214 – Zoology I: Protostomes**(3 credits) 3 hours lecture, 3 hours lab**

A survey of the diversity and evolution of the protostomes and the lower invertebrates. The evolution of the increasing grades of organization from cellular to organ system, and type of body plan (acoelomate, pseudocoelomate, and schizocoelomate), is discussed with reference to the major phyla. Emphasis is placed on functional morphology of groups, such as the Annelids, Molluscs and Arthropods.

Prerequisite: Biology 1204 with a grade of C- or higher.

BIOL 2309 – Plants and People**(3 credits – TG) 3 hours lecture**

This course deals with human interaction with plants as sources of food, fuel, shelter, fiber, medicine and psychoactive substances. The impact of plants on culture and religion will be explored. Plant improvement by traditional and modern methods will also be discussed.

Prerequisite: Biology 1205 or Biology 1204 with a grade of "C-" or higher or consent of the department.

**BIOL 3101 – Molecular Genetics****(3 credits – TG) 3 hours lecture, 3 hours lab**

Prokaryotic and eukaryotic chromosome structure; DNA replication, repair, transcription, RNA translation and processing, and mechanisms of gene regulation will be studied. In the laboratory, students will characterize an unknown gene by practicing techniques such as genomic DNA isolation, plasmid transformation and purification, restriction mapping, Southern blotting, and polymerase chain reaction (PCR).

Prerequisites: Microbiology 2201 and Biology 2202 or equivalents with grades of C- or higher.

BIOL 3102 – Intermediate Cell Biology**(3 credits) 3 hours lecture, 3 hours lab**

This course explores cell signalling, proliferation, differentiation, and programmed cell death. Readings of primary scientific literature are required as part of the lecture component. In the laboratory, students will characterize an unknown gene product through techniques such as western blotting, cell fractionation, cell culture, vital staining, and methods in fluorescence microscopy.

Prerequisites: Microbiology 2201, Biology 2202 and Biochemistry 2201 or equivalents with grades of C- or higher.

BIOL 3103 – Introduction to Biophysics**(3 credits) 3 hours lecture, 1.5 hour tutorial**

The aim of this course is to apply concepts and laws of physics to the study and understanding of living systems. As shown in the course outline, the topics that will be covered are: biomechanics of bone and muscle, hemodynamics, diffusion and osmosis, physics of respiration and cough, heat regulation mechanisms, electroreception and conduction of impulses along the nervous system, magnetic sense, and the physics of vision and hearing.

Prerequisites: Mathematics 1200, Physics 1202 or 1212 and Biology 1202.

Note: Credit for both Biology 3103 and Physics 3103 will not be allowed.

BIOL 3104 – Human Physiology I**(3 credits – TG) 3 hours lecture, 3 hours lab**

This course deals with the normal functions of and interactions between organs and organ systems in the human body. The emphasis will be on how these functions are controlled in the normal state and how they are integrated in the whole organism. The major topics studied in this course include: homeostasis, signal transduction and intercellular communication, properties of excitable cells, the nervous system, the muscular systems, the endocrine system and the reproductive system.

Prerequisites: Biology 2202 and 2203 and Chemistry 1201 and 1202 with grades of C- or higher.

BIOL 3106 – Evolutionary Biology**(3 credits – TG) 3 hours lecture, 3 hour laboratory**

All biological systems are the product of evolution and thus can only be fully understood from this perspective. This course will introduce the major themes of evolutionary biology through readings, lectures, videos, discussions and laboratory exercises. Topics will include: development of evolutionary theory, insect mimicry, basic population genetics, species concepts, evolution of altruism, sexual selection, human variation and evolution.

Prerequisite: Biology 1204 with a grade of C- or higher.

BIOL 3108 – Conservation Biology**(3 credits – TG) 3 hours lecture**

This course examines the principles of conservation biology: the scientific study of biological conservation and diversity. Topics will include minimum viable population size and population viability analyses, conservation genetics, biogeography, metapopulation dynamics, and extinction vulnerability. We will focus on the issues of habitat loss and fragmentation, invasive species, and the challenges of conserving populations.

Prerequisite: Biology 2213 with a grade of C- or higher, or equivalent.

BIOL 3203 – Genomes**(3 credits) 3 hours lecture, 1 hour computer lab**

Students will apply what they've learned about gene structure and cell biology in preceding courses to study cases of human diseases. The structures of the genomes from human and model systems will be compared. Online bioinformatics and proteomics exercises will allow students to take a hands-on approach toward investigating disease and evolutionary theories in the context of modern biology.

Prerequisites: Biology 2202 and Biochemistry 2201 with a grade of C- or higher.

BIOL 3204 – Histology**(3 credits) 3 hours lecture, 3 hours lab**

The course provides an introductory survey of the microscopic structure and organization of human cells, tissues and organ systems with an emphasis on the relationships between structure and function. The labs, which involve extensive microscopy, are strongly integrated with the lectures. Appropriate examples of histopathology will be explored.

Prerequisites: Biology 1202 and Biology 2203, each with a grade of C- or higher.

BIOL 3205 – Human Physiology II**(3 credits) 3 hours lecture, 3 hours lab**

This course is a continuation of Biology 3104-Human Physiology I. The major topics studied in this course include the immune system, blood, the cardiovascular system, the respiratory system, the urinary system, the digestive system, fluid and acid-base balance, metabolism and thermoregulation, and the body's response to exercise stress.

Prerequisite: Biology 3104 with a grade of C- or higher.

BIOL 3216 – Human Adaptation to Environmental Stress**(3 credits – TG) 3 hours lecture**

This course will address human physiological adaptations in response to extreme and diverse environmental conditions. Using applied examples and case studies, the problems of hypoxia (high altitude), high pressure (diving and submarines), high gravitational forces (fighter pilots), microgravity (space flight), radiation, circadian stress as well as excessive heat, cold, humidity and pollution may be examined. Students will play an active role in their understanding of environmental physiology through completion of an independent research paper and presentation of a specific area of interest.

Prerequisite: One of Biology 1212 or Biology 1216 or Biology 1221 or Biology 3205 with a minimum of C- or higher, or with the consent of the department.

BIOL 4101 – Advanced Cellular and Molecular Biology I**(3 credits) 1 hour lecture, 6 hours lab**

In this course students carry out one or more laboratory research projects, obtaining experience with experimental design, data analysis, and laboratory techniques. Lectures provide students with guidance and relevant theoretical information.

Prerequisites: Biology 3101, 3102 and 3203 each with a grade of C- or better

BIOL 4102 – Pathophysiology: Mechanisms of Disease**(3 credits – TG) 3 hours lecture, 2 hours tutorial**

Students will study the development and consequences of diseases that result from alterations in the function of molecules, cells, organs and systems, including the influence of environment and genetics. The course will use a multidisciplinary approach to understand basic disease processes and their underlying mechanisms. The course will focus on a selected set of human diseases, chosen to illustrate fundamental features of pathophysiological processes.

Prerequisites: Biology 2202, Biology 3204, 3205 and Biochemistry 2201, each with a grade of C- or higher.

BIOL 4202 – Advanced Cellular and Molecular Biology II**(3 credits) 1 hour lecture, 6 hours lab**

In this course, students continue their laboratory research projects from the prerequisite course (Biology 4101 – Advanced Cellular and Molecular Biology I), obtaining experience with experimental design, data analysis, and laboratory techniques. Lectures provide students with guidance and relevant theoretical information.

Prerequisite: Biology 4101 with a grade of C- or higher.

BIOL 4203 – Current Topics in Cellular and Molecular Biology**(3 credits) 3 hours lecture**

Current topics in cellular and molecular biology, and related fields, will be explored through faculty- and student-led seminars. The seminar discussions will focus on peer-reviewed literature, covering both recent and landmark papers in selected topics. Students are required to present the findings of recent papers, participate in analysis of the findings, and complete written critical reviews of selected topics.

Prerequisite: Biology 4101 or equivalent with a grade of C- or higher.

BIOL 4204 – Evolution in Health and Disease**(3 credits) 3 hours lecture**

This course explores ways in which an understanding of evolutionary mechanisms both aids in the understanding of disease processes and informs the development of effective treatments. Emphasis will be placed on 'civilized diseases', which result from mismatch between our evolutionary history and modern lifestyles. In addition to evolution within our species, the course will examine co-evolutionary processes between pathogens/parasites and their human hosts.

Prerequisite: Biology 1202 with a grade of "C-" or higher, or equivalent.

BIOL 4207 – Womb to Tomb: Embryology, Development and Aging**(3 credits) 3 hours lecture, 3 hours lab**

This course examines the complete arc of the human life cycle, from fertilization to senescence. Particular emphasis will be placed on embryological development, and on ways in which diseases associated with aging may be forestalled, minimized or prevented. Labs will be devoted to the examination of chick and pig embryos.

Prerequisite: Biology 3204 with a grade of "C-" or higher, or equivalent.

BIOL 4208 – Seminars in Health Science**(3 credits) 3 hours lecture**

This is an interactive seminar and project-based course in which students will explore the themes of (1) critical appraisal of scientific and medical literature, (2) scientific integrity and professionalism and (3) scientific communication. Students will be given the opportunity for in-depth independent investigation on a topic of their choice in the area of human health science and related fields. A critical written review and oral presentation of the topic, as well as ongoing thoughtful contribution to class discussions will be required.

Prerequisites: Biology 3204, Biology 3205 and Philosophy 2223 with a grade of "C-" or higher or consent of the department.

BIOL 4209 – Neuroscience**(3 credits) 3 hours lecture, 2 hours tutorial weekly**

This course is an exploration of the expansive field of neuroscience through a multidisciplinary examination of current research. The latest discoveries and techniques in the field will underscore an investigation into hot topics including neurogenesis, learning and memory, addiction, stress, pain, cognition and consciousness, emotional processing, motor control and selected diseases and disorders. An integrative understanding of the topics at a cellular, systems and behavioural level will be emphasized.

Prerequisite: Biology 3205 with a grade of C- or higher.



BIOL 4211 – Applied Human Physiology

(3 credits) 3 hours lecture, 3 hours lab

This course will build on the knowledge of basic physiology of humans to address the integrated physiological responses of human subjects to work, exercise and environmental extremes. In addition, interactions between these stresses and aging, gender, heredity, nutrition and disease may be discussed. Students will play an active role in developing their understanding of applied human physiology through laboratory exercises, an independent group laboratory project and writing an independent literature review paper in a specific area of interest.

Prerequisite: Biology 3205 with a grade of C- or higher.

BIOL 5201 – Independent Projects I

(3 credits) 6 hours lab

This course provides the student with the opportunity to do real biological scholarship. The student will be expected to design and complete a project of their choosing in an area of biology under the guidance of a faculty supervisor. The project results will be presented as a paper and an oral seminar to the department. (After consultation with a departmental faculty member who will supervise the project, permission to take the course must be obtained from the department chair.)

Prerequisite: Any 3000 level Biology course and consent of the department.

BIOL 5202 – Independent Projects II

(3 credits) 6 hours lab

This course provides the student with the opportunity to do real biological scholarship. The student will be expected to design and complete a project of their choosing in an area of biology under the guidance of a faculty supervisor. The project results will be presented as a paper and an oral seminar to the department. (After consultation with a departmental faculty member who will supervise the project, permission to take the course must be obtained from the Department Chair.)

Prerequisite: Biology 5201 and consent of the department.

BIOL 3299, 4299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

BLACKFOOT (BKFT)

BKFT 0130 – Introductory Blackfoot Language

(0 credits)

This is a credit free upgrading course; special fees apply. This is a basic introduction in both the written (using the Roman alphabet) and oral aspects of the Blackfoot language. The course will focus on grammar, vocabulary and oral skills.

CHEMISTRY (CHEM)

CHEM 0115 – Basic Chemistry I

(0 credits) 3 hours lecture, 1 hour tutorial, 3 hours lab

This is a credit-free upgrading course; special fees apply.

Topics include: matter and measurement in chemistry, atomic structure, periodic table, chemical formulae and nomenclature, chemical reactions and chemical equations, mole concept and stoichiometric calculations, chemical bonding solution, stoichiometry and gas laws. Students who successfully complete this course or its equivalent are adequately prepared to take Chemistry 0130.

Corresponding Alberta High School Equivalent: Chemistry 20.

Recommended Preparation: Pure Mathematics 10, Mathematics 10-C or equivalent.

CHEM 0130 – Basic Chemistry II

(0 credits) 3 hours lecture, 1 hour tutorial, 3 hours lab

This is a credit-free upgrading course; special fees apply. Topics include: solution stoichiometry, acids and bases, oxidation-reduction, energy changes, reaction rates, chemical equilibria, redox reactions and electrochemistry. This is a quantitative chemistry course and therefore some math skills are strongly recommended.

Corresponding Alberta High School Equivalent: Chemistry 30.

Recommended Preparation: Chemistry 0115 or Chemistry 20 AND Mathematics 0115, Mathematics 20-1 or Pure Mathematics 20.

CHEM 1201 – General Chemistry – Structure and Bonding

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3 hours lab

This course builds on basic concepts learned previously. Topics include basic quantum mechanics, the periodic table and the chemistry of selected elements, atomic and molecular structure, various theories of chemical bonding, intermolecular forces and phase diagrams, and the major classes of organic and biological compounds. Laboratory exercises will reinforce lecture topics and develop laboratory skills and other competencies.

Prerequisites: Chemistry 30 and Pure Mathematics 30.

CHEM 1202 – General Chemistry – Introduction to Quantitative Chemistry

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3 hours lab

This course builds on basic concepts covered in prerequisite courses. Topics include the properties of real gases and solutions, acid/base concepts, chemical kinetics, various equilibria (including acid/base, ionic, and solubility equilibria), elementary thermochemistry and thermodynamics, and electrochemistry. Laboratory exercises will reinforce lecture topics and develop laboratory skills and other competencies.

Prerequisites: Chemistry 30 and Pure Mathematics 30.

Recommended Preparation: Mathematics 1200.

CHEM 1203 – An Introduction to Organic Chemistry

(3 credits – TG) 3 hours lecture

This course is designed for students with a general interest in organic chemistry or for students requiring a one semester course in the above. Topics include nomenclature, structures, properties, and reactions of the major classes of organic and biologically important compounds. The principles of stereochemistry, reaction mechanisms and synthesis are presented.

Prerequisite: Chemistry 30 or equivalent.

CHEM 1209 – General Chemistry for Engineers

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3/2 hours lab

(3 hours lab every 2 weeks)

This course covers basic chemical concepts and introduces atomic and molecular structure with a view to problems encountered in engineering. Topics of discussion include oxidation-reduction reactions, chemical kinetics and equilibria, the chemistry of water, the chemistry of energy sources and quantum theory in chemistry.

Prerequisite: Chemistry 30 or equivalent.

Note: Only one of Chemistry 1202 and 1209 can be used to satisfy graduation requirements for the BSc degree.

CHEM 1210 – Behaviour of Liquids, Gases, Solids

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3/2 hours lab

(3 hours of lab every 2 weeks)

Students will be introduced to the behaviour of fluids and solids; phase transformations, the phase rule and phase diagrams. Students will undertake an examination of ideal and real gases; equations of state and their applications to engineering; simple kinetic theory and the properties of fluids. In examining liquids emphasis will be placed on vapour pressure, shear behaviour, and fluid flow in pipelines. In addressing the behaviours of solids students will examine crystalline and non-crystalline structure, non-equilibrium solid phases, electrical and thermal conductivity, dislocations, stress and strain, creep and fracture in solids.

Prerequisite: Chemistry 30 or equivalent.



CHEM 2101 – Organic Chemistry I**(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3 hours lab**

This is a first course in a sequence of introductory organic chemistry. Topics to be covered include structure and its effects on reactivity, nomenclature, stereochemistry, spectroscopy, reaction types such as substitution, elimination and addition from a mechanistic perspective, and an introduction to synthesis. The laboratory component of the course is designed to reinforce lecture topics and to further develop skills and competencies necessary in modern chemistry laboratories.

Prerequisite: Chemistry 1201 and Chemistry 1202 with grades of C- or higher.

CHEM 2102 – Organic Chemistry II**(3 credits – TG) 3 hours lecture, 1 hour tutorial, 3 hours lab**

This course continues the mechanistic exploration of organic chemistry introduced in the previous course. Lecture topics will include conjugated systems, carbonyl chemistry, aromaticity, substitution and addition reactions in aromatic, conjugated and carbonyl systems, radical reactions, enolate chemistry, pericyclic reactions and a more intensive look at synthesis of organic compounds. The laboratory component allows a more complete look the preparation of compounds and qualitative and quantitative organic analysis.

Prerequisite: Chemistry 2101 with a grade of C- or higher.

CHEM 2103 – Organic Chemistry**(6 credits) 6 hours lecture, 2 hours tutorial, 6 hours lab**

Chemistry 2103 covers a full year of organic chemistry in one course. Topics include: structure and bonding; functional group classification; physical properties; stereochemistry; structure and reactivity relationships; and spectroscopic methods of structure determination. The mechanisms and expected products of several categories of organic reactions will be covered in significant detail in order to illustrate the principles of organic chemistry.

Prerequisites: Chemistry 1201 and Chemistry 1202 with a grade of C- or higher.

CHEM 2157 – Industrial Organic Chemistry (formerly CHEM 3357)**(3 credits – TG) 3 hours lecture, 1 hour tutorial**

Topics discussed in this course include: the hybridization of the carbon atom; covalent bonding; reactions of alkanes, alkenes, alkynes and aromatic hydrocarbons; functional groups and their reactions; polymerization and industrial applications. Major projects will include cradle-to-grave analysis of an assigned organic compound and theoretical development of new recycling methods for organics.

Prerequisite: Chemistry 1209 or equivalent.

CHEM 2205 – Computers in Chemistry**(3 credits) 1 hour lecture, 2 hours lab**

This course will provide the student with a basic knowledge of a number of computer programs that can be used to teach and learn chemical concepts. Programs used may include Microsoft Excel, ChemSketch, Virtual ChemLab, LoggerPro, Odyssey, and Spartan Model. The laboratory component will support the lecture by allowing students to use the programs to develop projects of their choosing.

Prerequisites: Chemistry 1201 (or the previous 2201), Chemistry 1202 (or the previous 2203) and Mathematics 1200 (or the previous 2249/2251) with a grade of C- or higher.

CHEM 2211 – The Chemistry Between Us**(3 credits) 3 hours lecture**

Chemistry 2211 is a study of the Chemistry each of us experiences on a daily basis. Topics include: the nature of chemical species; food chemistry and metabolism; medications, cosmetics, and cleaning agents; explosives and propellants; energy and fuel sources; and environmental chemistry. Students will gain an understanding of chemical safety and the risks and benefits of living in a chemical world.

Recommended Preparation: Cluster 1 Foundation Level course.

**CHEM 2220 – Introduction to Atomic Theory and Chemical Bonding****(3 credits) 3 hours lecture**

This course will enable students, currently and previously enrolled in the Bachelor of Engineering program (University Transfer Program), to take further chemistry courses. It will cover classical and quantum mechanical atomic theories and how they have been developed into useful models for understanding molecular bonding, structure and reactivity.

Prerequisites: Chemistry 1209 and Mathematics 1219 with a grade of C- or higher.

CHEM 2301 – Analytical Chemistry I: Quantitative Analysis**(3 credits – TG) 3 hours lecture, 4 hours lab**

This course stresses the importance of precision measurement in the practice of chemistry; the analytical methods employed in data manipulation and complexometric analysis. The laboratory component will focus on the development of analytical laboratory skills in organic and inorganic analysis.

Prerequisites: Chemistry 1202 and Mathematics 1200 with a Grade of C- or higher.

CHEM 2302 – Analytical Chemistry II, Introduction to Instrumental Analysis**(3 credits – TG) 3 hours lecture, 4 hours lab**

This course follows Chemistry 2301 (Analytical Chemistry 1, Quantitative Analysis) and introduces students to the principles and practice of instrumental methods in quantitative analysis. Lectures will cover spectroscopic analysis (UV-visible, atomic absorption/emission), electroanalytical methods (potentiometry, voltammetry, coulometry and redox titrations) and analytical separation methods (extraction methods, chromatography [including ICP,HPLC,GC,GC-MS] and capillary electrophoresis). Labs will cover quantitative analysis of organic and inorganic materials using some of the above methods.

Prerequisite: Chemistry 2301 with a grade of C- or higher.

CHEM 2401 – Inorganic Chemistry**(3 credits) 3 hours lecture, 4 hours lab**

Chemistry 2401 is a study of the models and concepts underlying the field of inorganic chemistry. Topics covered will include Elemental Periodic Trends, Molecular Symmetry, and Coordination Complexes. The Laboratory Component involves preparation, purification and analysis of a variety of inorganic compounds.

Prerequisites: Chemistry 1201 and Chemistry 1202, both with a grade of "C-" or higher.

CHEM 3103 – Advanced Organic Synthesis**(3 credits – TG) 3 hours lecture, 4 hours lab**

This course deals with the synthetic aspects of organic chemistry: oxidations, reductions, concerted reactions, stereoselectivity, synthetic equivalents, and protecting groups. The reaction types will then be used in planning efficient synthetic pathways towards important complex target molecules such as clinical drugs and natural products. The laboratory component will emphasize isolation, purification, and characterization of major and minor products from selected syntheses.

Prerequisite: Chemistry 2102 with a grade of C- or higher.

CHEM 3201 – Spectroscopy**(3 credits) 3 hours lecture, 3 hours lab**

This course is an exploration of atomic and molecular spectroscopy and application of group theoretical concepts. Topics will include vibrational, absorption and emission spectroscopy, both single and multidimensional NMR based on various nuclei, as well as mass spectrometry. Fundamental theories that lead to spectral phenomenon, as well as the application of these theories in the identification of complex unknowns will be addressed both through lecture and laboratory work.

Prerequisite: Chemistry 2102 with a grade of C- or higher.

CHEM 3401 – Solid State

(3 credits) 3 hours lecture, 4 hours lab

This course is a study of the models and concepts underlying the field of inorganic chemistry, and the physics of chemical species in the solid state. Topics covered will include coordination complexes, crystal structures, and electronic models of solids. The laboratory component involves synthesis and analysis of inorganic compounds, investigation of semiconductor materials, and research on nanotechnology. Credit for both Chemistry 3401 and Physics 3401 will not be permitted.

Prerequisites: Chemistry 1201, Chemistry 1202 and Physics 1202, all with a grade of C- or higher.

NOTE: Credit for both Chemistry 3401 and Physics 3401 will not be allowed.

CHEM 3601 – Thermodynamics

(3 credits) 3 hours lecture, 3 hours lab

This is an introduction to thermodynamics from a modern macroscopic perspective. Lecture topics will include the laws of thermodynamics, Maxwell relations, internal energy, enthalpy, entropy, Helmholtz and Gibbs free energies, chemical potential and equilibrium, as well as a detailed study of the Kinetic Theory of Gases for mono- and polyatomic gases, both ideal and real. The laboratory component will support the lecture material through theoretical modeling and basic thermodynamic and kinetic experiments.

Prerequisites: Chemistry 1201, Chemistry 1202, Physics 1202 or 1212 and Mathematics 1202, all with a grade of C- or higher or department consent.

Note: Credit for both Chemistry 3601 and Physics 3601 will not be allowed.

CHEM 3602 – Elementary Quantum Mechanics

(3 credits) 3 hours lecture, 3 hours lab

This is an introductory course in quantum mechanics. The basic theory and formalisms of quantum mechanics will be developed, followed by its application to a variety of model systems from atomic and molecular physics and chemistry; including a discussion of electron spin with reference to both single- and multielectron atoms. The lab will consist of classic experiments in quantum mechanics and spectroscopy.

Prerequisites: Chemistry 1201, Chemistry 1202, Mathematics 1202, Mathematics 1203, and Physics 2201 with grades of C- or higher, or department consent.

Recommended Preparation: Mathematics 2207.

Note: Credit for both Chemistry 3602 and Physics 3602 will not be allowed.

CHEM 3801 – Nuclear Chemistry

(3 credits) 3 hours lecture

This course is a study of the models and applications of nuclear science. Topics covered will include quantitative and qualitative descriptions of radiochemistry and nuclear methods of analysis; nuclear reactors; nuclear medicine; and cosmology.

Prerequisites: Chemistry 1201, 1202, Physics 1202 and Mathematics 1202, all with a grade of C- or higher.

CHEM 3802 – The Science and Politics of Nuclear Energy

(3 credits) 3 hours lecture, 1 hour lab

This course is designed for students with an interest in how nuclear energy impacts our world. Students will explore the science, politics, and policies surrounding nuclear technology in Canada and abroad. Lecture topics include nuclear warfare, classification of radiation, nuclear reactors in Canada, nuclear politics, global energy security, and the future of nuclear energy.

Prerequisites: General Education 11XX, and General Education 13XX



CHEM 4411 – Organometallic Chemistry and Catalysis

(3 credits) 3 hours lecture

Chemistry 4411 is an in-depth examination of organometallic chemistry and catalysis, including an independent analysis of the current primary literature in the field. Topics covered will include the fundamentals of structure and bonding of some transition metal compounds, the carbonyl ligand, pi ligands, other important ligands, reactions that occur at the metal, reactions involving the modification of ligands, an introduction to bio-organometallic processes, and the role of transition metal complexes in catalysis.

Prerequisites: Chemistry 2401 and Chemistry 2102, both with a minimum grade of C-.

CHEM 4213 – Drug Discovery

(3 credits – TG) 3 hours lecture

This course illustrates the interrelation of Chemistry and Biology in the process of drug discovery and development. Topics include methods of lead discovery and optimization, classes of drug targets, structure-activity relationships and bioisosterism, and radiopharmaceuticals. Concepts will be illustrated using the development of several clinical drugs as examples.

Prerequisite: Chemistry 3103 with a grade of C- or higher.

Pre or Co-requisite: Biochemistry 4212.

CHEM 4701 – Molecular Modelling

(3 credits) 2 hours lecture, 2 hours lab

This is an introductory course in molecular modelling. The formalism, advantages, and drawbacks of a number of models will be discussed through the study of the shape, symmetry, and properties of inorganic, organic, and biological systems. The lab will reinforce the lecture topics through hands-on computer simulations of various molecular systems, including some chosen by the student.

Prerequisite: Chemistry 3602 or Physics 3602 with a grade of "C-" or better or department consent.

CHEM 5201 – Independent Projects I

(3 credits) 6 hours lab

Students will be expected to design and complete a project of their choosing in some area of Chemistry under the guidance of a supervisor. The project results will then be presented as a paper and an oral presentation to the department. To register in this course, you must first consult with a departmental faculty member who will supervise your project and obtain permission from the department chair.

Prerequisite: Consent of the department.

CHEM 5202 – Independent Projects II

(3 credits) 6 hours lab

Students will be expected to design and complete a project of their choosing in some area of Chemistry under the guidance of a supervisor. The project results will then be presented as a paper and an oral presentation to the department. To register in this course, you must first have a research proposal approved by the departmental faculty member who will supervise your project and obtain permission from the department chair.

Prerequisite: Chemistry 5201 and consent of the department.

CHEM 3299, 4299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

CHINESE (CHIN)

CHIN 1105 – Beginners' Chinese I

(3 credits – TG) 4 hours lecture, 1 hour lab

This course introduces Modern Standard Chinese (also known as "Mandarin") to students who have no prior knowledge of the language. It provides basic training in practical language skills such as listening, speaking, reading and writing for everyday purposes.

Note: This course is open to students with a background in Cantonese (including Chinese 30 taught in Cantonese). If in doubt, students seeking entry into this course should consult the Department of Languages and Cultures.



CHIN 1107 – Beginners' Chinese II

(3 credits – TG) 4 hours lecture, 1 hour lab

Continuation of Chinese 1105.

Prerequisite: Chinese 1105 or consent of the department.



CHIN 2217 – Chinese Civilization

(3 credits – TG) 3 hours lecture

Discussion of the principal trends in the development of the Chinese civilization and its place in the Asian setting.

Note: This course is taught in English and no knowledge of Chinese is required.



CHIN 3199, 4199 – Directed readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

CHILD STUDIES (CHST)

CHST 1101 – Professional Preparation

(3 credits) 3 hours lecture

This course introduces dimensions of professionalism to prepare students for success in the Bachelor of Applied Child Studies program and within the human services field. This course will focus on such as topics as professional communication skills, group/team effectiveness, self care, and professional roles within the community.

CHST 2010 – Directed Field Studies I

(15 credits – TG) 16 weeks

Students in the Bachelor of Applied Child Studies program will complete directed field studies in a community agency that serves children and families, external to Mount Royal University. Students will work with professionals from related disciplines and gain experience from direct practice in a variety of professional roles.

Prerequisite: Consent of the department.

CHST 2203 – Child and Youth Human Rights

(3 credits) 3 hours lecture

This course will address prevailing issues pertaining to child and youth human rights, within the context of the United Nations Convention on the Rights of the Child. This course will also explore human rights advocacy at local, national, and international levels and consider implications for professional practice in Canada.

CHST 2211 – Disabling Conditions

(3 credits – TG) 3 hours lecture

This course examines disabling conditions that may be experienced by children and adults and may have an impact on development.

CHST 2241 – Observing Children in Play-Based Settings

(3 credits) 3 hours lecture

This course provides the foundation, knowledge, and skills in observing children and relating observations to knowledge of child development and factors that affect development. Students will utilize a variety of observation and assessment tools to guide their observations of children in different settings. The seminar will provide the opportunity for students to discuss their observations and link their observations to theoretical knowledge.

Recommended Preparation: Psychology 3351 or equivalents.

CHST 2281 – Introduction to Child Focused Services

(3 credits – TG) 3 hours lecture

This is an introductory course, which will provide an overview of interdisciplinary community practice with children in the contexts of their families and communities.

CHST 2283 – Supporting Children Through Play

(3 credits – TG) 3 hours lecture

This course will examine the importance of learning through play and planning play programs for children 0-12 in group care settings as well as after school care and school age programming. Issues regarding health, safety and nutrition and early prevention/intervention will be explored.

Recommended Preparation: Child Studies 2281 or equivalent.

CHST 3010 – Directed Field Studies II

(15 credits – TG)

Students in the Bachelor of Applied Child Studies program will complete directed field studies in a community agency that serves children and families, external to Mount Royal University. In addition to the provision of direct service, students will be involved in the development and evaluation of programs and in leadership and supervisory roles.

Prerequisites: Completion of Child Studies 2010 and consent of the department.

CHST 3301 – Policies and Issues

(3 credits – TG) 3 hours lecture

In this course students will examine the process by which social policy is developed in Canada, and understand the ways in which the process of policy development can be influenced. A review and analysis of social problems, policies and issues as they relate to the delivery and development of appropriate local, provincial and national services will occur.

CHST 3303 – Working with Families

(3 credits – TG) 3 hours lecture

This course will address the stresses involved in child rearing today, and provide students with the opportunity to learn how to assess families' needs, to learn a variety of strategies related to communicating effectively with family members, and to provide information, support or a structured intervention program to families as appropriate.

CHST 3305 – Diversity Issues

(3 credits – TG) 3 hours lecture

This course will provide knowledge, experiences, skills and an attitudinal orientation that will enable students to recognize and honour diversity in all aspects of their work with children, families and communities.

CHST 3307 – Community Development

(3 credits – TG) 3 hours lecture

In this course, students examine the theory and history of community development in Canada. They are taught ways to conduct capacity inventories and to find and mobilize various associations or volunteer groups.

CHST 3309 – Interviewing Skills

(3 credits – TG) 3 hours lecture

This course is designed to provide students with an understanding of the interview process, and its application to working with diverse populations of children, youth and adults. The course will provide students with the opportunity to practice interviewing skills, and learn about the ethical issues related to interviewing.

Recommended Preparation: Interdisciplinary Studies 1240 or equivalent.

CHST 3311 – Program Planning and Evaluation

(3 credits – TG) 3 hours lecture

This course will assist in preparing students to work effectively within the nonprofit sector by increasing their knowledge and skills of program planning and evaluation. Students will learn how to use a programming framework that involves the processes of program preparation, implementation, and evaluation for developing community-based nonprofit programs. Such programs may offer services to children, youth, adults, or families in communities ranging from local neighbourhoods to international locations within the nonprofit sector.

CHST 3381 – Children and Youth at Risk

(3 credits – TG) 3 hours lecture

This course will examine in-depth the many factors – social, economic, generational, environmental – which impact youth at-risk. Within this context, students will gain knowledge of existing programs, which meet the needs of youth at-risk and identify gaps that exist within the community.

CHST 4401 – Working with Groups

(3 credits) 3 hours lecture

The purpose of this course is to develop and practice group facilitation and leadership skills as well as enhance the student's understanding of self within the group process. To achieve this aim, the students will both design and participate in a group.

CHST 4403 – Community Based Research

(3 credits – TG) 3 hours lecture

This course will enable students to develop the knowledge, skills and attitudes necessary to plan and conduct effective research. Students will also learn to critically evaluate the components of sound research design and the practical application of research in working with children, families and communities.

CHST 4405 – Ethics and Ethical Issues

(3 credits – TG) 3 hours lecture

This course will review the foundation of ethics and ethical decision making from an historical and philosophical perspective. Students will have the opportunity to examine some basic ethical issues and dilemmas.

CHST 4407 – Leadership in Human Services

(3 credits – TG) 3 hours lecture

This course examines the basic theme of the central question "What do leaders do when they lead?" Students will explore the theory and practice of leadership, developing an understanding of how leaders lead and why leaders act the way they do and examine the unique role of leaders in human service programs.

CHST 4441 – Observing Specialized Services for Children and Youth

(3 credits) 3 hours lecture

In this course, students will explore specialized services and programs for marginalized children and youth at risk. This course focuses on understanding the range of supportive services available, and how collaborative planning and integration of such services can contribute to the well being of children, families and communities.

Recommended Preparation: Child Studies 2281 and 3381 or equivalents.

CHST 4481 – Children's Mental Health Interventions

(3 credits – TG) 3 hours lecture

In this course students will be introduced to a variety of assessment tools, programs (such as Head Start, Early Intervention, Early Literacy) will be reviewed and strategies such as music, art and drama therapy for children with specialized needs, as well as supported inclusion will be reviewed.

CLASSICS (CLAS)**CLAS 1111 – The Technical Terms of Medicine and the Life Sciences**

(3 credits – TG) 3 hours lecture

The Greek and Latin elements of modern medical and life-sciences terminology.

CANADIAN STUDIES (CNST)**CNST 1131 – Introduction to Canadian Studies**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course introduces students to the diversity and complexity of Canadian society. Popular culture, art, music, politics, the economy, regionalism, and ethnic relations are some of the topics that may be examined. This course also addresses issues such as identity, difference, nationhood and patriotism.

**CNST 2233 – Canada in Comparative and International Perspective**

(3 credits – TG) 3 hours lecture

This course offers the opportunity to examine and compare Canada, from a variety of perspectives, to one or more countries in the world. The specific content of the course will vary by term and instructor. Possible topics include popular culture, health care, legal systems, and military history.

**CNST 3730 – Canadian Issues in Context**

(3 credits) 3 hours lecture

Building on previous work in Canadian Studies, this course uses a multi-disciplinary perspective to explore contested meanings of nationalism and Canadian identity. Although the issue may vary from semester to semester, the course will focus on how Canadian identity has been formed, challenged, and remade.

Prerequisites: Canadian Studies 1131 and one of General Education 1101, 1102, 1201, 1202, 1203, 1301, 1304, 1401, 1402 or 1403.

Recommended Preparation: completion of at least ten courses.

**CNST 3199, 4199 – Directed readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

COMMUNICATIONS (COMM)**COMM 1112 – Introduction to Radio Writing**

(3 credits) 1 hour lecture 2 hours tutorial

This course is reserved for Broadcasting students, and is designed to provide students with necessary skills required to write for radio. Students are introduced to the art of writing for sound through writing and producing commercial and public service announcements. In addition, students learn research techniques, interviewing, logging, programming as well as how to contact and work for advertising clients and prepare radio campaigns.

COMM 1114 – Introduction to Broadcast Journalism (Radio)

(3 credits) 1 hour lecture, 1 hour tutorial, 2 hours lab

This course is reserved for Broadcasting students and is designed as an introduction to journalism for radio, with concentration on newsgathering and news presentation. While developing students' radio news judgement, this course will also develop students' general news judgement. Students will learn to write news for broadcast.

COMM 1116 – Introduction to Radio Operations

(3 credits) 1 hour lecture, 2 hours tutorial

This course is reserved for Broadcasting students and emphasizes the operation of typical equipment used in most am and fm radio stations. Students will learn the techniques involved in the cueing and playing of various audio formats. They are also taught editing, recording and dubbing, program mixing and microphone techniques. Other areas covered include program preparation, documentary production, production values, programming and music selection. Students will also spend at least two hours each week on-air on CMRC, our internet radio station.

COMM 1144 – Digital Photography for Broadcast

(3 credits) 1 hour lecture, 2 hours tutorial

This is an introductory course designed to provide the second-year broadcasting students with basic knowledge of digital photography techniques and the use of Adobe Photoshop and its applications to the television medium. Topics include: digital camera operations, exposure control, lighting, composition, colour correction, file formats and the use of Adobe Photoshop to create backdrops for green screen use. Students should supply their own 5 MP or better digital camera.

COMM 1201 – Advanced Radio Operations**(3 credits) 1 hour lecture, 2 hours lab**

Students will receive advanced audio technical skills, specific to their course choice. All students will engage in a variety of live and pre-produced broadcast exercises that will allow them to demonstrate these advanced production skills. In addition, students will participate in various group projects such as radio dramas and variety/talk shows. Each student will be required to work weekly shifts in all areas of CMRC's operation.

Prerequisites: Communications 1112, 1114, 1116 and 1206.

COMM 1202 – Radio Commercial Writing**(3 credits) 1 hour lecture, 3 hours tutorial**

This course is designed to expand the fundamental radio writing skills of students through regular weekly copy-writing assignments for use on CMRC, editorial writing, research for talk show format, production of radio documentaries, and production of commercials and public service announcements. Students will also be working on a variety of presentation and promotional assignments, many in conjunction with Communications 1201.

Prerequisites: Communications 1112, 1114, 1116 and 1206.

COMM 1203 – Radio News**(3 credits) 1 hour lecture, 3 hours tutorial**

Through regular assignments for use on the CMRC radio station, students are trained to handle an increasing volume of work under pressure of deadlines and to apply broadcast journalism skills through reporting on meetings, panel discussions and press conferences. Students will complete a ten-minute radio current affairs documentary. In addition, students will be assigned a regular news beat and will report on their beat at regularly scheduled intervals throughout the semester. Students will also host various current affairs programs such as live election night specials, political convention coverage and live coverage of public meetings.

Prerequisites: Communications 1112, 1114 and 1116 and 1206.

COMM 1204 – Broadcast Journalism (Television)**(3 credits) 1 hour lecture, 2 hours lab**

Students are introduced to the television application of Broadcast Journalism. Through regular news assignments for CMRC-TV News Shows, using electronic newsgathering equipment and techniques, students will develop newsgathering, writing, reporting and presentation skills for television.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1206, 1209 and 1202 or 1203.

COMM 1205 – Radio Practicum**(3 credits) 90 hours practicum over 3 weeks**

This course provides a practical experience in radio broadcasting through one or more internships with local radio stations. Areas of emphasis will include commercial writing, foreground writing, research, radio news, traffic, music library and radio production.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241, 1244, and 1202 or 1203, and 1211 and 1213 or 1242 and 1245 or 1247 and 1248.

COMM 1206 – Radio Performance**(3 credits) 1 hour lecture, 2 hours tutorial**

This course will focus on news reading and broadcast presentation skills. Emphasis is placed on interpretation and the ability to lift the word from the printed page with credibility. Students will also write and perform a commentary.

COMM 1209 – Television Operations**(3 credits) 3 hours lecture, 9 hours tutorial over 2 weeks**

This course provides an introduction to the operation of basic television equipment: television camera, audio board, television lights, microphones, video switcher and television graphics. This course will also include basic interviewing techniques for television.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1206 and 1202 or 1203

COMM 1211 – Advanced Television Production**(6 credits) 1 hour lecture, 2 hours tutorial, 6 hours lab**

In this course, students will acquire sophisticated operational skills on television equipment through a practical approach to production techniques including commercial, program and news production and pre-production projects; principles of directing; and advanced operational skills including editing, shooting and lighting for both studio and on-location projects.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1213 – Extended Broadcast Studies**(3 credits) 1 hour lecture, 2 hours tutorial**

This course runs in tandem with Communications 1211. It is designed to provide second-year broadcasting students in the operations 'stream' with increased exposure to broadcast production techniques. Topics include: advanced audio recording and camerawork, nonlinear editing, specialized lighting and mobile productions.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1240 – Television Program Production and Television Operations**(3 credits) 1 hour lecture, 2 hours tutorial, 3 hours lab**

Students learn the techniques and disciplines of television production in this course. This course further develops skills in audio, lighting, VTR editing, camera, studio directing and switching. Students will be introduced to Electronic Field Production. Directing a television interview will form the basis of learning the basic principles of directing. Students also develop skills in on-air work.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1206, 1209 and 1202 or 1203.

COMM 1241 – Television Creative Writing/Producing**(3 credits) 1 hour lecture, 2 hours tutorial, 3 hours lab**

This course is designed to introduce students to the basics of television commercial writing and production. The theory of commercial writing will be discussed and sample commercials will be viewed and analyzed. Practical exercises in commercial writing and production will be carried out on a weekly basis, enabling students to produce commercials, promotional materials and presentations.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1206, 1209 and 1202 or 1203.

COMM 1242 – Advanced Television Creative Writing/Producing**(6 credits) 1 hour lecture, 2 hours tutorial, 6 hours lab**

This course is for students who wish to continue on a more advanced level towards qualifying for a writer/producer position in a commercial television station operation. More advanced writing and production techniques will be examined and carried out, along with a number of presentation and commercial projects.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1244 – Broadcast Industry Organizational Structure**(3 credits) 1 hour lecture, 2 hours tutorial**

This course gives students an understanding of Broadcast organizations and companies, including the varied landscape of media ownership, content distribution, revenue sources, and licensing requirements. Factors such as new technology, the regulatory framework in Canada, and challenging economic environments past and present will be examined in the context of how these factors impact the product that ultimately is picked up by broadcast audiences.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1245 – Advertising for Broadcasters**(3 credits) 1 hour lecture, 2 hours tutorial**

This course covers the theory and practice of advertising. The specifics will include communication plans and focus group testing, both done in conjunction with Communications 1242 assignments. Students will learn the basics of print advertising, media campaigns, media buying, marketing and various advertising techniques currently used.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1246 – Broadcast Sales**(3 credits) 1 hour lecture, 2 hours tutorial**

This course covers is reserved for Broadcasting students and covers the disciplines and techniques used by radio and television salespersons. Media sales terminology, media buys, station ratings, types of rate cards and their use, sales presentations and marketing theory will form the basis for this course.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1247 – Television News Production**(6 credits) 1 hour lecture, 2 hours tutorial, 6 hours lab**

This course is for students who wish to specialize in television news. The focus of the course will be the theory and practice of news line-up, writing, reporting, presenting and producing.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1248 – Television News and Documentary Writing**(3 credits) 3 hours lecture**

This course is for students who wish to specialize in television news. It emphasizes advanced techniques for writing news for television, including the principles and practices of beat reporting, as well as reporting politics, business and social issues. Investigative reporting principles and practices will be introduced.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241 and 1202 or 1203.

COMM 1281 – Television Practicum**(3 credits) 90 hours practicum over 3 weeks**

This course will be offered in the Spring Semester following the fourth semester in the Broadcasting program. Communications 1281 will provide a practical experience in television through one or more internships with television stations and production companies. Areas of emphasis will include commercial writing and producing, promotions, operations and news.

Prerequisites: Communications 1112, 1114, 1116, 1201, 1204, 1206, 1209, 1240, 1241, 1244, and 1202 or 1203, and 1211 and 1213 or 1242 and 1245 or 1247 and 1248.

COMM 1600 – Foundations of Information Design**(3 credits) 3 hours lecture**

Introduction to information design through a survey of the field's evolution and current status; its theoretical foundations, key concerns and issues, core competencies and specializations, and the technologies and societal trends that will impact the work of information in the future. Emphasis is placed on developing a strong professional identity and the process of career planning.

COMM 1610 – Tools for Information Designers**(3 credits – TG) 3 hours lecture, 1 hour lab**

Information design occurs over a variety of media, uses a variety of strategies, and a range of specialized tools. This course introduces students to the software environments that have been adapted to meet strategic issues in design. Using a case-study approach, the course requires students to solve real-world information design problems using appropriate tools and methods. The course is roughly divided between paper-based and web-based and digital publishing outcomes. Major topics include file management, text management, graphics; quality assurance, color systems, preformatted elements, and multi-purposing.

COMM 1620 – Foundations of Graphics**(3 credits) 3 hours lecture**

An inquiry into the foundations of graphics as they relate to visual communication and visual problem solving. The goal is to develop an understanding of the inventive potential of form to create meaning. The emphasis will be on developing this understanding through an iterative process of research, practice, and analysis. Students will interpret project criteria and produce visual solutions for specific assigned problems. Emphasis will be placed upon original concept development and the use of formal design principles.

Pre or Co-requisites: Communications 1610 and 1600.

COMM 1661 – Technical Writing I**(3 credits – TG) 2 hours lecture, 1 hour tutorial**

Examination of the principles and techniques of technical writing. Through analysis of selected technical prose and directed practice in writing, students will develop competence in the presentation of technical information for a variety of audiences. Technical writing includes a wide range of purposes and forms. This course covers, but is not limited to the principles of analysis, process, definition; progress, recommendation, and research reports; proposals and memoranda; transitions, and the mechanics of clear and precise statements. Additional topics will include forms and styles of technical description, procedures, business plans, policies and an introduction to the integration of text and graphics.

COMM 1700 – Journalism in Society**(3 credits – TG) Blended delivery, 2 hours lecture and 1 hour online and/or may be offered online**

Journalism is a product of social interaction and is shaped by a range of societal forces. Through a focus on the concept of the news agenda, students will consider the nature of news, the structures and conventions that shape how journalists gather and present news, the role news plays in democratic societies, the importance of ethical and professional practice considerations, and the influence of external 'voices' on the decisions journalists make daily.

**COMM 1707 – Journalism Elements****(3 credits – TG) 6 hours lecture / tutorial combined, and one hour online**

This course introduces students to key practices of the contemporary practice of journalism. Work will focus on reporting and writing stories on people, events, and issues in local communities, and on developing a critical understanding of key aspects in the reporting and writing of news. An online course component will provide support for student work and forums for student discussion.

COMM 1709 – Journalism Practice & Theory**(3 credits) 2 hours lecture/tutorial combined, and one hour online**

Having been introduced in Communications 1707 and 1727 to the multifaceted and multi-disciplinary nature of contemporary journalism, student journalists will complete significant projects for publication in print or mixed media journalism while linking key critical theoretical understandings to their own practices. An online course component will provide support for student work and forums for student discussion.

Prerequisites: Communications 1707 and 1727.

COMM 1720 – Managing Digital Media**(3 credits – TG) 3 hours lecture and tutorial combined, and/or may be offered online**

With the potential for any one news story to be edited for use in a variety of ways, and presented in a variety of formats, it is imperative that journalists understand the demands, legal implications and structure of digital file creation, alteration, movement and management. Using media production software, and with a focus on file management, students in this course will use their own work to create a range of media files, and store and retrieve these files for an online production project.

COMM 1727 – Introduction to Visual Journalism

(3 credits) 90-minute lecture, 90-minute tutorial & two 30-minute labs

This course introduces students to key practices in photo, audio, and video journalism, and the application of acquired skills in reporting and producing stories in local communities, while also developing a critical understanding of key aspects in the production of visual journalism.

COMM 1728 – Journalism Projects

(3 credits) 90-minute lecture, 90-minute tutorial, two 30-minute labs

Grounded through Communications 1707 and 1727 in the main elements of contemporary journalism in multiple media, students will undertake projects in audio, video or photojournalism or in multimedia journalism for online broadcast or publication, while applying key critical theoretical understandings to their own practices.

Prerequisites: Communications 1707 and 1727.

COMM 1841 – Introduction to Public Relations

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course will provide students with an overview of the field of public relations and environments in which practitioners work. Public relations will be considered from the perspective of human communication theories. Students will also learn the history and role of public relations in different organizational settings, and all key components of the public relations process from both a theoretical and practical point of view. Issues facing the practitioner and the industry will also be discussed.

COMM 1845 – Interpersonal Communications

(3 credits – TG) 3 hours lecture

This course introduces the fundamentals of interpersonal communications with a focus on 'influencing with integrity'. Students will practice communicating one-on-one and in small groups; learn effective listening and conflict resolution skills; appreciate differences in others; and examine personal values, intentions and behaviours.

COMM 1849 – Applied Writing I for Public Relations

(3 credits) 2 hours lecture, 2 hours tutorial

This course will introduce students to intermediate-level elements of writing for specific communications disciplines. Considerations of audience, purpose and technique in media will be examined for a variety of writing assignments in public relations.

Prerequisite: Communications 1841.

COMM 2500 – Introduction to Communication Studies

(3 credits – TG) 3 hours lecture and tutorial combined

When we consume information or communicate with others we are sharing and assessing facts, ideas, opinions, and biases. In doing so we are developing a sense of who we are as individuals, and we're also making decisions about how our world functions. This course will introduce students to the discipline of Communication Studies, and permit examination of a range of communication theories, which describe these dynamic social and personal processes.

COMM 2501 – Media History and Contemporary Issues

(3 credits – TG) 3 hours lecture and tutorial combined, and/or in a blended delivery format, or entirely online

An introduction to the key ideas and events in the history of media. The development of professional communication is examined with an emphasis on the role of journalism in democratic societies. Significant issues and opportunities influencing contemporary communication environments will likewise be explored.

**COMM 2663 – Rhetoric**

(3 credits – TG) 3 hours lecture

This course gives students the opportunity to refine their writing skills by applying the principles of rhetoric and stylistics. To this end, analysis of such realms of discourse as advertising, magazine articles, fiction, political speech and debate will be emphasized to understand how these forms of communication achieve their effects. The rhetorical analysis of texts will, moreover, apply to students' own writing. Rhetorical theory and application will, in other words, be closely linked to ensure that students understand, through practice, the stylistics resources available in language that make ideas clear, cogent and compelling.

COMM 2666 – Typography

(3 credits) 2 hours lecture, 2 hours lab

Introduction to the topic of typography and examination of the role of type in visual communication and information design through normative and conceptual relationships. Topics will include principles of typography and layout, concept development, and the historical foundations of typography. Students will use typographical principles and methods of visual organization to solve assigned communication problems.

Prerequisites: Communications 1600, 1610 and 1620.

COMM 2667 – Information Architecture

(3 credits) 3 hours lecture

Introduction to the principles and best practices of effective information design for both print and electronic media. The course includes such topics as information types, information categorization and hierarchies, types of organizational patterns, message and document genres, structural markup languages, structured information design and technologies, content management, and single sourcing.

Prerequisites: Communications 1661 and 1600.

COMM 2670 – Programming for Information Designers

(3 credits) 2 hours lecture, 1 hour tutorial

Discussion of, and practice with, programming techniques with emphasis on web-based applications. Elements of good style and usability are introduced.

Prerequisite: Communications 1610.

COMM 2673 – Introduction to Digital Layout

(3 credits) 2 hours lecture, 2 hours lab

An introduction to digital layout and presentation graphics. Students will learn how to develop and organize information to be used for a variety of print media. A series of problems based on the relationship between typography and imagery will be assigned.

Prerequisites: Communications 1620, 1610 and 2666.

COMM 2680 – Intercultural Communication in Information Design

(3 credits) 3 lecture hours

This course serves as an introduction to the field of intercultural communication and the cultural aspects and effects of information design. This course considers the field of social semiotics and the theoretical and practical study of these cultural aspects in areas including, but not limited to, discourse in place, social semiotics and the grammar of visual design.

Prerequisites: Communications 2666 and 2667.

COMM 2803 – Applied Visual Communication for Public Relations

(3 credits) 3 hours lecture

Communications 2803 is a survey of major issues, techniques, and strategies in visual communications. Principles of graphic communication, design and layout will be applied to the production of a variety of print-based media including newspapers, newsletters, reports, manuals and brochures, using current computer-based page-layout and graphics programs. Typography and the uses of paper as they affect the options for printing processes will be examined and applied.

Prerequisite: Consent of the department.

COMM 2849 – Applied Writing II for Public Relations**(3 credits) 2 hour lecture, 2 hours tutorial**

In this course, students move beyond the basics in public relations writing to focusing on specific genres including employee communication, briefs, advertising copy, speeches and corporate profiles. As well students will learn to write/deliver persuasive speeches, develop usable web content, and will hone their newswriting and interviewing skills. Students also learn the basics of writing for publication.

Prerequisite: Communications 1849.

COMM 3500 – Media, Culture and Communication Theory**(3 credits – TG) 3 hours lecture and tutorial combined**

This senior level course examines the role of communications in creating and explaining everyday cultural practices, and the larger systems that structure them. Students will consider multiple theories of communication, derived from various perspectives, to address the concept of subjectivity, and how the communication of information and ideas shapes our understanding of, and response to, our social and personal environments. Students will apply theories to specific artifacts and/or issues that they have defined and researched.

Prerequisite: Communications 2500.

**COMM 3501 – Intercultural Communication****(3 credits) 3 hours lecture and tutorial combined**

Intercultural Communication examines communication among individuals of different cultural backgrounds, including the study of similarities and differences across cultures. The course will introduce students to key intercultural communication topics: communication and culture, linguistic differences, ecological influences on culture, the dimensions of cultural difference, stereotyping, and intercultural encounters, culture shock and adaptation.

Prerequisite: Communications 2500.

**COMM 3503 – Communication in Organizations****(3 credits) 3 hours lecture**

This course is designed to help students think critically about communication in the context of organizations and the cultural components that affect communication effectiveness. Through theory-based lectures and experiential exercises, students will better understand the nature, goals, strengths and limits of organizational design.

Prerequisite: Communications 2500.

**COMM 3511 – Information Media****(3 credits – TG) Blended delivery - 2 hours lecture, 1 hour online tutorial**

Almost daily, we're presented with new information sharing technologies that demand our attention, make demands on our time, and challenge and change our use of information and technology. Students in this course will consider current trends and issues in information imparting and information sharing technologies using the Internet as a place to go and a place to investigate.

**COMM 3513 – Media, Influence and Power****(3 credits) 3 hours lecture/tutorial combined**

Media organizations can be large and powerful in their own right, but they are also subject to influence by other societal institutions such as political and business elites. Students in this course will consider how the media and these other institutions use power, how they influence one another, and the cultural impact of these relationships.

Prerequisite: One of Communications 1700, 2500 or 2501.

**COMM 3515 – Media Futures****(3 credits) 3 hours lecture and tutorial combined**

Dramatic change is a constant in the world of media. Traditional media such as newspapers, TV networks and radio stations need adapt to the growth in web-based media including blogs, YouTube and Facebook. Moreover, every medium is converging with every other medium, every screen is merging with every other screen – the cell phone being just one example. This course will examine the extraordinary impacts these changes are having on media, journalism and our democratic and cultural life.

Prerequisite: One of Communications 1700, 2500, 2501 or 3705.

**COMM 3521 – The Documentary****(3 credits) 3 hours lecture and tutorial combined**

This course examines the documentary form in cinema and television. Students will consider the history of the documentary, its role in Canadian visual production development, and the different styles and impacts of the documentary.

**COMM 3600 – Usability****(3 credits) 2 hours lecture, 2 hours lab**

Study of the relevant research and practical application of usability testing as part of product development. Students will address complex information design issues and problems including legal documents, business forms, diagrams, transportation maps, statistical information, charts, graphs and tables, instructional materials, way finding systems, and computerized information systems. The course includes strategies for planning, conducting, and analyzing a test. Teams will conduct an expert (heuristic) evaluation and report results from an actual test in a usability lab using industry standard format.

Prerequisites: Communications 2667 and 2670.

COMM 3605 – Research in Information Design**(3 credits – TG) 3 hours lecture**

Introduction to research methods used by practitioners and scholars in information design. Students explore the relationship between theory and research and learn how to design and carry out empirical studies using both quantitative and qualitative methods. Emphasis is placed on the research methods used in workplace settings to design user-centered information products and to test their usefulness and usability.

Prerequisite: Communications 1600.

COMM 3610 – Visual Communication for Information Designers I**(3 credits) 3 hours lecture**

Introduction to the principles of visual communication in the context of information design. The theoretical and historical issues of organizing and visualizing statistics, number, and/or complex relationships will be explored. Emphasis on conceptualization, visual diagramming, and analysis of subtle visual relationships including design and use of photographs and other pictorial materials will be developed, and current approaches to typography are examined.

Prerequisites: Communications 1620, 1610 and 2666.

COMM 3611 – Visual Communication for Information Designers II**(3 credits) 3 hours lecture**

This course builds upon the foundation established in Visual Communications I. Students explore advanced topics in effective graphic design in the context of information design.

Prerequisite: Communications 3610.

COMM 3620 – Document Production I**(3 credits) 2 hours lecture, 2 hours lab**

This course focuses on the basic principles of document production relating to the principles of publishing. Publishing principles and practices, marketing problems, distribution methods and informational systems and techniques are examined. Students will be expected to produce a variety of documents and publications.

Prerequisite: Communications 3600

Co-requisites: Communications 3611 and 3670.

COMM 3665 – Technical Writing II**(3 credits – TG) 3 hours lecture**

Introduction to intermediate-level elements of technical writing. Consideration of audience, purpose and technique in print and electronic media will be examined for a variety of writing needs. Technical communication business practices are also examined.

Prerequisites: Communications 1661 and 2667.

COMM 3670 – Project and Content Management**(3 credits) 3 hours lecture**

Introduction to project and content management. Content includes concepts, principles, and the inputs, outputs, tools and techniques necessary to take a project from inception to completion. Projects will be developed that are specific to the communication professions.

Prerequisites: Communications 1600, 1841 or 1707.

COMM 3680 – Game Design**(3 credits) 3 hours lecture, 1 hour tutorial**

This course focuses on the design and implementation of interactive computer games. Communications students will work with computer information systems students to produce a working game. This course will run concurrently with COMP 4555.

Prerequisites: Communications 2670 or Marketing 3550 or consent of the instructor.

COMM 3705 – Reporting News**(3 credits) 3 hours, lecture and tutorial combined**

In their role as staff reporters for the journalism program community newspaper, students will practice reporting and writing news stories for print publication, and writing about the community, arts, business, and sports among a range of other news beats. CP Style, pitching stories, updating stories, and editorial responsibility will also be discussed and practiced.

COMM 3707 – News Reporting**(3 credits – TG) 3 hours lecture /tutorial combined, 90 minute lab**

In their role as staff reporters in the journalism program's community newsroom, students will practice reporting and writing for print and online publication, with a focus on generating effective story ideas, while reflecting on ethical practice and demonstrating editorial responsibility.

Prerequisite: Communications 1709 and 1728.

COMM 3709 – News Editing and Reporting**(3 credits – TG) 3 hours lecture /tutorial combined, 90 minute lab**

Student journalists in this course, in context of their work with the journalism program community newspaper, will consider more formally the role of editors, while continuing to develop their own reporting skills. Copyediting, section editing, and content planning will be discussed and practiced.

Prerequisite: Communications 3705 or 3707.

COMM 3717 – Specialized Writing for Journalism**(3 credits – TG) 3 hours lecture and tutorial combined, and/or may be offered online**

Journalists need to present information to a variety of audiences and in a variety of ways. Students in this course will consider and practice such forms as longform writing, in-depth profiles, editorial writing, and personal column writing.

COMM 3720 – Newspaper Production and Design**(3 credits – TG) 2 hours lecture and 2 hours production laboratory**

Working with appropriate production software student journalists will consider design principles and production management of a newspaper, while practicing technical and content-based production processes, page design and layout as members of the journalism program newspaper production team.

COMM 3727 – Visual Journalism II**(3 credits) 3 hours lecture/tutorial combined**

Student journalists in this course will advance their multimedia production skills, while producing photographs and audio/visual elements to complement their reporting for the Calgary Journal in print and online.

Prerequisite: Communications 1728.

COMM 3729 – Online Journalism**(3 credits) 2 hours lecture and 2 hours tutorial**

Student journalists in this course will plan, produce and edit a range of original online journalism for publication, while also considering the expectations and needs of Internet news users.

Prerequisite: Communications 3705 or 3709.

COMM 3735 – Ethics, Law and Media**(3 credits – TG) 3 hours lecture and tutorial combined**

The course considers ethics and law in relation to the media, and their link to democracy and our political institutions, through consideration of how the justice system functions, and of ethical and legal issues that routinely confront journalists and media organizations.

COMM 3737 – Research Design and Methodology**(3 credits – TG) 3 hours lecture and tutorial combined**

Journalists are presented daily with the results of polls, surveys, clinical trials and other research projects by individuals and organizations seeking to have this information published or broadcast. Students in this course will consider structural and ethical aspects of how such projects are organized, including issues of reliability and generalization, and an array of theoretical and epistemological approaches used to conduct research in the social sciences.

Prerequisite: Communications 2500.

COMM 3740 – Audio/Visual Storytelling**(3 credits) 2 hours lecture, 1 hour tutorial, may be combined or scheduled separately**

Student journalists in this course will develop and produce audio/video news stories involving extensive practice in all facets of the story generation and production process. Work done in lectures and tutorials will focus on the goals and principles of digital media storytelling in context of current journalism practice and contemporary technology.

Prerequisites: Communications 3709 and 3727.

COMM 3744 – Audio/Visual News Reporting**(3 credits) 2 hours lecture, 1 hour tutorial, may be combined or scheduled separately**

Student journalists in this course will undertake the production of high-quality audio/video news stories, including practice in shooting and editing video in a digital context. Discussion of the goals of visually orientated news reporting in contemporary practice and detailed analysis of the process of producing video and audio-based news stories, provide the basis for the work done in tutorials.

COMM 3747 – Audio/Visual Storytelling for Online Media**(3 credits) 2 hours lecture, 1 hour tutorial, may be combined or scheduled separately**

Working as online contributors, student journalists in this course will collaborate with senior student editors and produce video, audio, and multimedia stories for CalgaryJournal.ca, the journalism program's online community news service. Best practices for integrating audio/video/multimedia content in the evolving online journalism landscape will also be explored.

Prerequisite: Communications 3740 or 3744.

COMM 3797 – Special Topics in Journalism**(3 credits) 3 hours lecture and tutorial combined**

The content of this course will vary according to the needs and goals of the specific student group involved, but will offer material appropriate to the consideration of new forms of media and their impacts.

Prerequisite: Consent of the program.

COMM 3799 – International Journalism Projects**(3 credits) 3 hours tutorial and production lab**

The content of this course will be based on journalism project work completed in an international context, and result in the production of journalism products appropriate to the needs and goals of the specific student group involved.

Prerequisite: Consent of the department.

COMM 3841 – Media Relations**(3 credits) 1 hour lecture, 2 hours tutorial**

This course examines the relationship between public relations and the media. Through work on a client project, students learn about the importance of strategic media planning and practice writing public service announcements (PSAs), news releases, feature articles and creating media kits. Students participate in a mock news conference and receive media training.

Prerequisites: Communications 1841, 1849 and 2849.

COMM 3843 – Communication and Organizational Culture**(3 credits) 3 hours lecture**

This course is designed to help students think critically about communication in the organizational context. Through theory-based lectures and experiential exercises, students will better understand the nature, strengths and limits of organizational design, the nature of metaphor and its usefulness in describing organizational management, and how to apply theory learned in the classroom in the practice of public relations.

Prerequisite: Communications 1841 or consent of the department.

COMM 3847 – Public Relations Management**(3 credits) 2 hours lecture, 2 hour tutorial**

Building on the introduction to public relations course, students learn the fundamentals of public relations program planning. The course begins with theory and case study analysis and discussion, and ends with teams formulating plans, hosting and evaluating a client based communication event. Students conduct research, analyze target audiences and messages to be delivered, undertake budgeting and scheduling activities, and evaluate the results. Students are assigned to work on an event as part of their course experience.

Prerequisite: Communications 1841.

COMM 3851 – Computer Mediated Communication**(3 credits) 1 hour lecture, 2 hours tutorial**

This course introduces public relations students to on-line/digital communication in both the classroom and the computer lab. Participants learn to use the technologies and understand them sufficiently to advise others on their applications, strengths and weaknesses. Students become familiar with multimedia/CD-ROM, and the public relations uses for Internet and Intranet applications.

Prerequisites: Computer Science 1205 and Communications 2803 or consent of the department.

COMM 3855 – Research Methods for Public Relations**(3 credits – TG) 4 hours lecture**

This course develops competence in major forms of research including the use of surveys, focus groups, content analysis, and the use of existing information accessed through libraries, online databases, and other computer-based search tools. Elements of descriptive statistics as they apply to the analysis of survey design are reviewed. The course provides instruction and hands-on practice in conducting communications research and communicating the findings as a fundamental part of the public relations profession.

Prerequisites: Communications 1841 and 2849.

COMM 3860 – Government Public Relations**(3 credits) 3 hours lecture**

In this course students will explore the critical role strategic public relations plays as organizations seek to inform and influence government policymaking processes and outcomes. Students will monitor current issues facing organizations; examine the theory, practice and context of government relations; and understand what it takes to create and manage an effective government relations program.

Prerequisites: Communications 2849 and 3841.

COMM 4501 – Roles and Practices in Contemporary Communications**(3 credits) 3 hours lecture and tutorial combined**

Contemporary work environments in communication are evolving. Changes in technologies, workforce demographics, business models, audience relationships, regulatory regimes, social norms and other factors affect how communicators work, and precisely the work they do. This senior course focuses on problem based learning. Working together, students from all Bachelor of Communication degree streams will examine and reflect on the origins, character and implications of changes in the contemporary communicator's work. Students' investigations will result in major, team based, public presentations.

Prerequisite: One of Communications 4690, 4790 or 4890.

COMM 4620 – Document Production II**(3 credits) 2 hours lecture, 2 hours lab**

This course covers the production function, the purchasing of paper, printing and distribution – typically half the total costs of operating a magazine. Topics include minimizing paper waste, the advantages of offset and rotogravure printing, the effect of makeup on readership and costs, and setting distribution strategies. Students will be expected to produce a magazine in print and e-zine formats.

Prerequisite: Communications 3620.

COMM 4665 – Instructional Design**(3 credits) 3 hours lecture**

Course introduces and applies systematic instructional design and instructor-led training. Students will study a major model of instructional design and apply it to develop and refine a unit of instruction. Students will prepare and deliver a training lesson, participate in team instructional design activities, and evaluate the training developed and presented by other students.

Prerequisite: Communications 3600.

COMM 4679 – Issues in Communications: Ethics and Law**(3 credits – TG) 3 hours lecture**

Building on work done in previous courses, and students' work experience, this course focuses on key ethical issues and the law facing information designers. The course examines the historical foundation of ethics and explores different models for defining issues, interests and values relating to the ethical issues confronting information designers.

Prerequisite: Communications 4501 and satisfactory completion of Work Term I.

COMM 4680 – Portfolio**(3 credits) 2 hours lecture, 2 hours lab**

The portfolio as a professional tool for information designers. The course includes portfolio and writing theory along with a collaborative workshop environment. Students develop a professional portfolio based on course project, internship experiences, and/or work history. In addition, students write a reflective paper examining their growth and maturity as information designers. Interviewing techniques, resume writing, and the job search process are included in the course. The student portfolio demonstrates the ways in which students have acquired and achieved the learning outcomes of the Bachelor of Communication degree program. Portfolio items are products created in all core courses in the program. In this course, students analyze and consolidate their collection, and organize a public presentation of their work.

Prerequisite: Senior Standing and Approval of the department.

COMM 4690 – Information Design Workplace Issues and Work Experience Preparation Seminar

(0 credits) 1.5 hours lecture

This mandatory, non-credit, preparation seminar for work experience will examine conditions and issues, which may arise in the workplace, and the responsibilities and rights of employers and employees. Potential employers and working information designers will be invited to present their perspectives and expectations as students develop resumes, portfolios and prepare to apply for work opportunities in a subsequent semester.

Note: The seminar must be completed as preparation for, and in advance of, the required work experience.

COMM 4691 – BCMM Information Work Experience

To expand both their skills and understanding of the communication industry, Information Design students are encouraged to complete two non-credit semester-long work experiences (with a 12 fulltime work week minimum) in the communications field during their program, but are required for graduation purposes to complete one such work experience. The student must receive a grade of Satisfactory. Work experiences in print, photo, online and communications may be taken at any point following semester four.

Note: Students may complete this non-credit work experience up to three times. Formal assignments will include a detailed report and analysis of the work experience. Work experience fulfill degree requirements and are assigned “pass/fail” grades. Work experience terms integrate academic studies and work experience with participating employers.

Prerequisites: Successful completion of all core courses in years one and two of the degree and 30 Credits.

COMM 4692 – Information Design Work Experience II (optional)

To expand both their skills and understanding of the communication industry, Information Design students are encouraged to complete a second non-credit semester-long work experience (with a 12 fulltime work week minimum) in the communications field during their program. The student must receive a grade of Pass.

Prerequisites: Communications 4691 and departmental approval.

COMM 4705 – Online Editorial Board

(3 credits) 3 hours lecture and tutorial combined

Senior student journalists will serve on the editorial board of the online edition of journalism program's community newspaper and play a central role in its ongoing development, by participating in the editorial design of the web publication while also practicing leadership and team-building skills required in professional journalism environments.

Prerequisite: Communications 3729.

COMM 4707 – Editorial Board

(3 credits) 3 hours lecture and tutorial combined

Senior student journalists will serve on the editorial board of the journalism program's community newspaper, and play a central role in its ongoing development by participating in the editorial design of the publication, while also considering and practicing leadership and team-building skills required in professional journalism environments.

Prerequisites: Communications 3709 and 3720

COMM 4709 – Public Affairs Reporting

(3 credits) 3 hours lecture and tutorial combined

Student journalists will investigate and report on public policy issues and/or contemporary social concerns, using advanced research techniques to complete a comprehensive journalism project.

Prerequisite: Communications 3729.

COMM 4711 – Public Affairs Reporting II

(3 credits) 3 hours lecture and tutorial combined

Student journalists will investigate and report on public policy issues or contemporary social concerns, using advanced research techniques to complete a comprehensive journalism project.

Prerequisite: Communications 3729.

COMM 4717 – Magazine Editorial Board

(3 credits) 3 hours lecture and tutorial combined

Student journalists will produce a high quality magazine while considering the goals and requirements of developing, designing and editing this form of publication.

Prerequisite: Communications 3709, 3717 and 3720.

COMM 4727 – Photojournalism Projects

(3 credits) 3 hours lecture and tutorial combined

Senior student journalists, with specific and previously demonstrated interests in photojournalism, will discuss the processes and requirements of producing a major photojournalism effort. Each will then design and complete a major project to advance their skills and portfolios.

Prerequisite: Communications 3727.

COMM 4729 – Multimedia Projects

(3 credits) 3 hours lecture and tutorial combined

Multimedia implies the use of more than one type or form of media in the design of a journalistic, corporate or educational project. Students in this course will consider the appropriate use of multimedia, beginning with audience needs, by undertaking a project of their own design from conception to completion.

Prerequisite: Communications 3727.

COMM 4737 – Research Projects

(3 credits) 3 hours lecture and tutorial combined

Working in teams, students will design and complete significant research projects that focus on media issues, using a range of research methodologies appropriate to their goals, such as content analysis, surveys and focus groups. These projects will be published through an online journal established by the journalism program.

Prerequisite: Communications 3737.

COMM 4747 – Advanced Audio/Visual Projects

(3 credits) 3 hours lecture and tutorial combined

Senior student journalists with a specific and previously demonstrated interest in reporting using audio/video will develop, will design and produce projects for publication on significant and timely community issues.

Prerequisite: Communications 3747.

COMM 4757 – Corporate Communications

(3 credits) 3 hours lecture and tutorial combined

Major companies invest substantial resources in communicating internally and externally to ensure employees/clients/customers receive timely information. Students will examine the structure and context of corporate communications, while also practicing the use of some specific corporate communication tools.

Prerequisite: Communications 3707.

COMM 4759 – The Business of Media

(3 credits) 3 hours lecture and tutorial combined

Revenue generation is essential to financial health of media organizations. Student journalists in this course will consider the goals and structure of advertising sales departments, issues in budgeting, and the value and design of promotional and audience development campaigns.

Prerequisite: Communications 2501.

COMM 4790 – Journalism Workplace Issues and Work Experience Preparation Seminar

This mandatory non-credit preparation seminar for the student's work experience will examine conditions and issues, which may arise in the workplace, and the responsibilities and rights of employers and employees. Potential employers and working journalists will be invited to present their perspectives and expectations as students develop resumes, portfolios and prepare to apply for work opportunities in a subsequent semester. The student must receive a grade of Pass.

Note: Must be completed as preparation for and in advance of required internship.

COMM 4791 – Journalism Work Experience I (Required)

To expand both their skills and understanding of the communication industry, journalism students are encouraged to complete two non-credit semesterlong work experiences (with a 12 full time work week minimum) in the communications field during their program, but are required for graduation purposes to complete one such work experience. The student must receive a grade of Pass. Work experiences in print, photo, online and communications may be taken at any point following semester four. Broadcast and Internet based work experiences may be taken at any point following semester six.

Prerequisites: Successful completion of all core courses in years one and two of the degree. Students considering a broadcast internship need also complete Applied Communications 3740, 3747 and receive departmental approval.

COMM 4792 – Journalism Work Experience II (Optional)

To expand both their skills and understanding of the communication industry, journalism students are encouraged to complete two non-credit semesterlong work experiences (with a 12 fulltime work week minimum) in the communications field during their program, but are required for graduation purposes to complete one such experience. The student must receive a grade of Pass. Work experiences in print, photo, online and communications may be taken at any point following semester four. Broadcast and Internet-based work experiences may be taken at any point following semester six.

Prerequisites: Communications 4791 and departmental approval.

COMM 4841 – Strategic Communication Planning

(3 credits) 2 hours lecture, 2 hours tutorial

This course is designed to build on material covered in COMM 3847 – Public Relations Management and on the experience in COMM 4891 – Work Experience I. Students will increase their understanding of strategic and operational planning concepts in the public relations context by offering consulting services to clients. Working in groups, students will review business plans, conduct a communications audit and write a comprehensive communication plan to assist their client organizations in achieving organizational goals.

Prerequisites: Communications 3847 and 4891 or consent of the department.

COMM 4845 – Investor Relations

(3 credits) 3 hours lecture

This senior-level course for public relations students represents one of the key growth areas for the profession. Students examine the role of investor relations, its purpose within specific organizations, including the appropriate regulations, brokerage, security and ethical considerations of communicating in the financial marketplace. Financial communication documents are analyzed including proxies, disclosure documents, annual and quarterly reports, etc. Students learn how to successfully plan and manage an annual shareholder meeting, an investor presentation, and respond to the financial media.

Prerequisites: Communications 4892 and consent of the department.

COMM 4847 – International and Intercultural Public Relations

(3 credits) 3 hours lecture

This is a senior-level course for public relations students. Students learn the essential elements of effective public relations activities in an international and intercultural context. They examine those elements through the relevant policies and activities governing public relations abroad including marketing, advertising, cultural diversity issues, legislation and government regulations such as NAFTA and GATT, as well as new communication technologies, financial markets, ethics, and international labour and workplace issues.

Prerequisite: Communications 4892 or consent of the department.

COMM 4849 – Fund Development and Corporate Philanthropy

(3 credits) 3 hours lecture

This is a senior-level course for public relations students, covering two aspects of social public relations – raising funds and creating programs that give financial resources away. This course covers such areas as: understanding government regulations, corporate giving guidelines, accessing funding agencies, understanding the options for fund maintenance, market and audience research, ethical considerations, and the public relations activities required to establish, maintain and promote partnerships with key stakeholders.

Prerequisite: Communications 4892 or consent of the department.

COMM 4851 – Issues and Ethics in Public Relations

(3 credits) 3 hours lecture

This is the capstone course for students in their final semester of the public relations major in the Bachelor of Communication degree. The course, structured as a combination of senior seminar and directed reading, provides students the opportunity to reflect on the learning they have gained; examine the profession they are about to enter; contemplate and consider work experience placements and integrate these perspectives in a thesis of relevance to the profession and their future endeavours.

Prerequisites: Communications 4892 and consent of the department.

COMM 4860 – Issues Management, Risk and Crisis Communication

(3 credits) 3 hours lecture

In this course students will undertake a detailed examination of the principles and applications of the critical elements of sensitive issues management, risk and crisis communications within the context of the public relations responsibilities in organizational communication. The course will concentrate on theoretical considerations of such core topics as trust, effective spokespersons during crisis, credible messaging and stakeholder dialogue. It will address the fundamentals of issues management, effective implementation of crisis communication strategies and workable risk communication models.

Prerequisite: Communications 4891

COMM 4890 – Public Relations Workplace Issues and Preparation Seminar

(Non-Credit) 1.5 hours lecture

This mandatory, non-credit preparation seminar for work experience, will examine conditions and issues which may arise in the workplace and the responsibilities and rights of employers and employees. Potential employers and working public relations professionals will be invited to present their perspectives and expectations as students develop resumes and portfolios and prepare to apply for work opportunities in a subsequent semester. This seminar must be completed in advance of, and in preparation for, the required work experience placement.

Note: The seminar must be completed as preparation for, and in advance of, the required work experience.

COMM 4891 – Public Relations Work Experience I

The work experiences required for the public relations major in communication studies offers students the opportunity to integrate the theory and practice of public relations learned in the classroom to supervised work experience in a public relations/communications management setting. Students need complete two such work experiences for graduation purposes, and must receive a grade of Pass.

Prerequisites: Successful completion of the following courses or their equivalents: Computer Science 1205; Communications 1841, 1849, 2803, 2849, 3841, 3855, 3851, 3847; Management 2131; 150 hours of paid or volunteer public relations experience; departmental approval.

COMM 4892 – Public Relations Work Experience II

The work experiences required for the public relations major in communication studies offers students the opportunity to integrate the theory and practice of public relations learned in the classroom to supervised work experience in a public relations/communications management setting. Students need to complete two such work experiences for graduation purposes. The student must receive a grade of Pass.

Prerequisites: Communications 4891 and departmental approval.

COMM 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

COMPUTER SCIENCE (COMP)**COMP 1001 – Introduction to Computer-Based Problem Solving for the Sciences**

(3 credits – TG) 3 hours lecture, 2 hours tutorial

Computers are an essential tool in contemporary scientific practice. This course provides the students with a foundation in algorithmic thinking as well as exposure to a graphical programming environment. Students also receive significant practice in scientific problem-solving and modeling using common desktop productivity tools.

Note: Only one of Computer Science 1001 and 1501 can be used to satisfy program requirements.

COMP 1103 – Introduction to Computers (formerly COMP 2203)

(3 credits – TG) 3 hours lecture

This course provides a non-technical introduction to the use of computers and their impact on society. Major topics in the field will be explored, ranging from the workings of the microcomputer to the implications of the Internet. Students will use microcomputers for word processing, spreadsheet analysis, database management and communications.

Note: Credit will be allowed for only one of Computer Science 1205, 1207, 1209, 1213 and 2203. Students who have completed Computer Science 1171, cannot also receive credit for Computer Science 2203.

COMP 1205 – Introduction to Computing for Public Relations

(3 credits) 2 hours lecture, 1 hour tutorial, 1 hour lab

This course is designed to develop the knowledge and skills required to be a proficient user of applications relevant to the public relations field. It focuses on effective use of the Internet, file management, word processing skills, and spreadsheet design. Publishing and web design tools are also introduced.

Note: Credit will be allowed for only one of Computer Science 1205, 1207, 1209, 1213 and 2203.

COMP 1207 – Introduction to Computing for Small Business and Entrepreneurship

(3 credits – TG) 2 hours lecture, 2 hours lab

This course is an introduction to computers and to the use of presentation software, word processors and spreadsheets in small business applications. Students will be introduced to social and organizational issues arising from the use of information technology and to the use of the Internet and public databases for marketing research.

Note: Credit will be allowed for only one of Computer Science 1205, 1207, 1209, 1213 and 2203.

COMP 1209 – Introduction to Computing for Applied Degrees

(3 credits – TG) 2 hours lecture, 2 hours lab

This course develops the knowledge and skills required to be a proficient user of fundamental computer applications. Students will learn how to effectively use some of the following computer applications: word processors, spreadsheets, databases, presentation programs and the Internet.

Note: Credit will be allowed for only one of Computer Science 1205, 1207, 1209, 1213 and 2203.

COMP 1370 – Introduction to Internet Development (formerly COMP 1371)

(3 credits) 2 hours lecture, 2 hours lab

This course lays the groundwork for effective creation of Internet documents and sites. Students will acquire an in-depth understanding of HTML and an introduction to Cascading Style Sheets. Students will explore strategies for readability and interactivity.

Note: Credit will be allowed for only one of Computer Science 1274, 1370 or 1371.

COMP 1501 – Programming I: Introduction to Problem Solving and Programming

(3 credits) 3 hours lecture, 1 hour tutorial, 1 hour lab

This course provides an introduction to problem solving in the context of computer programming. The problem solving process is explored in depth, with a focus on applying the key steps in a variety of situations. The course emphasizes the design of fundamental algorithmic solutions and the implementation of those solutions in a visual development environment. Pre-existing modular building blocks for objects and methods form the basis for program implementation.

Note: Only one of Computer Science 1001 and 1501 can be used to satisfy program requirements.

COMP 1502 – Programming II: Object Oriented Programming

(3 credits) 3 hours lecture, 1 hour tutorial, 1 hour lab

The concepts and practices essential to programming within an object-oriented environment are studied. The course also encompasses the key facets of designing a modular solution, developing and executing a test plan and debugging in a systematic manner. Exception handling is also covered.

Prerequisite: Computer Science 1001 or 1501 with a minimum grade of C-.

COMP 1511 – Web I: Client Development

(3 credits) 3 hours lecture, 1 hour lab

This course covers the concepts and practice necessary for creating Internet content. The course provides a technical overview of the Internet environment and the structure of the World Wide Web. The technical segment will focus on the design and implementation of an effective web site at the introductory level.

Prerequisite: Computer Science 1001 or 1501 with a minimum grade of C-.

COMP 1615 – Introduction to Programming (formerly COMP 2215)

(3 credits – TG) 3 hours lecture, 1 hour tutorial

Introduction to algorithm design and implementation using a structured programming language. Discussion of, and practice with, elementary programming techniques with emphasis on good style.

COMP 1631 – Introduction to Computer Science I (formerly COMP 2231)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

Problem solving and programming in a structured programming language. Data representation, program control, basic file handling, the use of simple data structures and their implementation.

Note: This course is intended for prospective majors in Computer Science and for others with a sound mathematical background. Credit may not be obtained for both Computer Science 1501 and 1631.



COMP 1633 – Introduction to Computer Science II (formerly COMP 2233)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

Continuation of Computer Science 1631. The implementation of abstract data structures using pointers and objects, with emphasis on modularity and software design.

Prerequisite: Computer Science 1631 with a minimum grade of C- or higher.

COMP 2008 – Scientific Computing I: Modeling and Simulation

(3 credits) 3 hours lecture, 1 hour tutorial

This course provides an introduction to the fundamentals of scientific computing, the modeling process, computer simulations, and scientific applications. While the focus is on cellular automaton simulations and Monte Carlo techniques, a limited number of system dynamics models may also be examined.

Prerequisite: Computer Science 1001 with a minimum grade of C-.

COMP 2011 – Directed Field Studies I for Computer Information Systems (formerly ENTR 2011)

(15 credits)

The Directed Field Studies provides Computer Information Systems students with an opportunity to extend what they have learned in the classroom into a relevant work environment. It is also an opportunity to acquire new knowledge (both technical and business) through observation, practice and self-assessment. Directed Field Studies are highly individualized so that each student will gain something unique from the course. Normally this first Directed Field Studies will involve a single employer, and will be arranged through the University. It must allow an appropriate and effective learning opportunity. A significant amount of time is required from the student during the semester prior to the Directed Field Studies (e.g. attending workshops, interviewing, developing suitable learning objectives).

Prerequisites: All first and second year Computer Science courses in the Computer Information Systems and Business program, Entrepreneurship 2201, Administration 1120, 1210 and 1130 or 1150.

COMP 2503 – Programming III: Data Structures

(3 credits) 3 hours lecture, 1 hour tutorial

Data structures important to computing such as basic linear structures, trees, heaps and hash tables will be studied. Additionally searching and sorting methods will be covered. The representation, uses and algorithms for manipulating these data structures will be examined. The emphasis is on using these structures to solve problems.

Prerequisite: Computer Science 1502 with a minimum grade of C-.

COMP 2521 – Database I: Data Modeling and Query Languages

(3 credits) 3 hours lecture, 1 hour tutorial

This course emphasizes concepts necessary to design and implement databases. Conceptual and logical data modeling is covered in detail. The technical segment focuses on the relational database environment.

Prerequisite: Computer Science 1502 with a minimum grade of C-.

COMP 2531 – Computer Architecture and Operating Systems

(3 credits) 3 hours lecture, 1 hour lab

This course covers fundamental hardware and system software topics. Hardware including CPU architecture and computer organization is studied first. Then students explore the inner workings of operating systems, including file systems, process scheduling, concurrency, and memory management.

Prerequisite: Computer Science 1501 or 1001 with a minimum grade of C-.

COMP 2541 – Systems Analysis

(3 credits) 3 hours lecture, 1 hour tutorial

This course provides an introduction to systems analysis in the development of computer-based information systems. The theory and models of software evolution are studied. The course covers system development methodologies and key systems analysis tools and techniques, with a focus on object-oriented strategies.

Prerequisites: Management 3210 and either Computer Science 1502 or 1511 with a minimum grade of C-.

COMP 2613 – Introduction to Computability (formerly COMP 3313)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

This course provides students with an opportunity to gain insight into the theoretical foundations of computing science. Topics include abstract machines (finite automata; push down automata and Turing machines), the hierarchy of formal languages (regular, context-free, and recursive) recognized by these machines, and applications of these languages.

Prerequisites: Mathematics 1271 and Computer Science 1633 or 2005 with minimum grades of C- or higher.

COMP 2631 – Information Structures I (formerly COMP 3331)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

Data structures important to computer science will be studied, including trees, graphs and hash tables. Searching and sorting techniques will be emphasized. Associated algorithms and their time and space efficiency will also be studied.

Prerequisite: Computer Science 1633 with a minimum grade of C- or higher.

Recommended Preparation: Mathematics 1271 with a minimum grade of C- or higher.

COMP 2633 – Foundations of Software Engineering (formerly COMP 3333)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

Introduction to software development problems and to the processes and methods used to address them. Software life cycles models. Software process improvement. Goals and methods for requirements analysis and specification, software design, implementation, integration and testing of software. An introduction to one or more informal methods (focusing on object-oriented approaches) currently in wide spread use.

Prerequisite: Computer Science 2631 with a minimum grade of C- or higher.

COMP 2635 – Information Structures II

(3 credits – TG) 3 hours lecture, 2 hours tutorial

This course is a continuation of Computer Science 2631. Advanced data structure topics, including collision resolution in hash tables, search algorithms, tree structures, and strings will be covered. Advanced algorithmic tools for storing and manipulating information will be studied.

Prerequisite: Computer Science 2631 with a minimum grade of C- or higher.

COMP 2655 – Computing Machinery I (formerly COMP 3355)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

An introduction to computing machinery, establishing the connection between programs expressed in a compiled language, an assembly language, and machine code, and how such code is executed. Includes the detailed study of a modern CPU architecture, its assembly language and internal data representation, and the relationship between high-level program constructs and machine operations.

Prerequisite: Computer Science 1633 with a minimum grade of C- or higher.

Recommended Preparation: Mathematics 1271 with a minimum grade of C- or higher.

COMP 2659 – Computing Machinery II (formerly COMP 3325)

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 1 hour lab

An introduction to combinational and sequential digital logic design, focusing on its application to the creation of modern computing machinery. Includes hardware interfacing to peripheral devices, and programming techniques for asynchronous and real-time machine input/output.

Prerequisites: Philosophy 1179 and Computer Science 2655 with minimum grades of C- or higher.

COMP 3008 – Scientific Computing II: Data and Visualization

(3 credits) 3 hours lecture, 1 hour tutorial

This course provides an introduction to the underlying theory and practical concepts in data visualization. A number of topics pertaining to data will be covered, including types of data, its acquisition, representation, storage and access, as well as various forms of data analysis. The foundations of visualization and consequent design principles will be presented. Current examples and case studies in data visualization will be examined, with particular emphasis on scientific applications.

Prerequisite: Computer Science 2008 with a minimum grade of C-.

COMP 3011 – Directed Field Studies II for Computer Information Systems (formerly ENTR 3011)

(15 credits)

The Directed Field Studies provides Computer Information Systems students with an opportunity to extend what they have learned in the classroom into a relevant work environment. It is also an opportunity to acquire new knowledge (both technical and business) through observation, practice and self-assessment. Students will be expected to achieve higher levels of competencies than they did in the first Directed Field Studies course. They must demonstrate their entrepreneurial abilities by generating a suitable work experience, which must be approved prior to the start of the course. It must allow an appropriate and effective learning opportunity. A significant amount of time is required from the student during the semester(s) prior to the Directed Field Studies (e.g. attending work shops, self marketing, developing suitable learning objectives).

Prerequisites: Computer Science 2011, plus 22 courses of the Computer Information Systems and Business program, including 11 Computer Science courses and 6 Business courses.

COMP 3012 – Robotics

(3 credits) 3 hours lecture, 1 hour tutorial, 2 hours laboratory

This course provides an introduction to the underlying theory and practical concepts in robotics. This includes aspects of geometry, kinematics, statics, dynamics, control, motion planning, trajectory generation, and programming. Students also receive practical experience using a rapid prototyping tool to construct a robotic system.

Prerequisites: One of Computer Science 1502 or 2233 or 2531 with a minimum grade of C-, and one of Mathematics 1200 or 1203 or 1505 or equivalent with a minimum grade of C-.

COMP 3307 – Computing Applications in Small Business and Entrepreneurship

(3 credits) 2 hours lecture, 2 hours tutorial

This course covers the design and implementation of databases to manage distribution and inventory for a business. It also includes the design and development of print and electronic promotional pieces using desktop publishing and web authoring software, and the exchange of data between applications. The goal of the course is to enable students to use computing resources to gain a competitive edge.

COMP 3309 – Information Technology and Society

(3 credits – TG) 3 hours lecture

A study of the implications of information technology for society. Historical perspectives, social context of computing, legal and ethical problems, economic issues, and philosophical frameworks for analysis will be covered.



COMP 3504 – Programming IV: Best Practices in Design and Development

(3 credits) 3 hours lecture, 1 hour tutorial

This course continues the study of the art of object-oriented programming by focusing on the practical integration of contemporary best practices in software development. The course will focus on object-oriented design and development. Current methodologies such as extreme programming and testdriven development will be covered. The course will also cover refactoring and design patterns.

Prerequisites: Computer Science 2503 and 2541 with a minimum grade of C-.

COMP 3512 – Web II: Web Application Development

(3 credits) 3 hours lecture, 1 hour tutorial

This course focuses on the concepts and technologies needed to develop web-centric applications. The overall architecture of Internet applications is examined at a high level. Special emphasis is given to server-side programming, including the creation of multi-tier and multi-layer web applications and using Web Services to integrate web applications with other IT applications.

Prerequisites: Computer Science 1511, 2503 and 2521 with a minimum grade of C-.

COMP 3532 – System Administration and Maintenance

(3 credits) 3 hours lecture, 1 hour lab

This course covers the deployment and maintenance of modern computer systems, with particular emphasis on the administration of user accounts. The course includes an overview of basic administrative tasks associated with network operating systems such as Windows and Linux.

Prerequisite: Computer Science 2531 with a minimum grade of C-.

COMP 3533 – Network Infrastructure and Security

(3 credits) 3 hours lecture, 1 hour lab

This course covers the principles and practice of computer networking, focusing on the high-level protocol-oriented aspects of computer networks. Networking as it relates to database and file service applications is examined along with Internet structure, protocols and routing. Various aspects of security in networked information systems are studied.

Prerequisite: Computer Science 3532 with a minimum grade of C-.

COMP 3551 – GUI Development

(3 credits) 3 hours lecture, 1 hour tutorial

This course focuses on the design and development of contemporary event driven graphical user-interface (GUI) applications. Special emphasis will be given to events, event handling, and exception handling. Different GUI design approaches and design patterns will be examined. Graphics, audio, and timers will also be covered.

Prerequisite: Computer Science 3504 with a minimum grade of C-.

COMP 3591 – Mandatory Work Experience

(0 credits)

The Bachelor of Computer Information Systems degree requires that all students complete at least one paid work experience term. Through a competitive process, students are hired by suitable employers, monitored by the University and evaluated by the employer. The course includes work term assignments, on-site performance assessments, employer evaluations and a group debriefing session at the end of the term.

Prerequisites: COOP 0001 and Management 3210 and Computer Science 2503, 2521, 2541, 3512 and 3532 as well as three of: Management 2130, Human Resources 2170, Marketing 2150, and Accounting 2121.

COMP 3649 – Programming Paradigms (formerly COMP 3349)

(3 credits – TG) 3 hours lecture, 2 hours tutorial

This course will examine the basic principles of several major programming paradigms, with emphasis on declarative paradigms such as functional and logic programming. Data types, control expressions, loops, types of references, lazy evaluation, different interpretation principles and information hiding will be studied.

Prerequisites: Computer Science 2631 and Philosophy 1179 with minimum grades of C- or higher.

COMP 4401 – Quality Assurance and Testing

(3 credits) 3 hours lecture, 1 hour lab

This course covers the issues involved in ensuring a high quality deployment of a new application. Topics include quality assurance, project management, integrating a new application with existing applications, quality control (testing) and deployment strategies.

Prerequisite: Computer Science 4403.

COMP 4409 – Advanced Internet Application Development

(3 credits) 3 hours lecture, 1 hour lab

This course focuses on the design and development of complex Internet applications. Topics included in this course are: Internet application technology, patterns, frameworks and best practices in the design and development of Internet applications. The overall architecture of Internet applications will be examined. Students will use a current Internet development platform to create real-world Internet applications.

Prerequisite: Computer Science 4421.

Recommended Preparation: Computer Science 1278.

COMP 4513 – Web III: Advanced Web Development

(3 credits) 3 hours lecture, 1 hour lab

This course covers advanced web development topics, applying the foundation client and server techniques learned in Web I and II, and database topics from Databases I. In addition to practical theory, students will learn about asynchronous JavaScript, web services, electronic commerce, search engine optimization and content management systems. Students will use a modern API to develop an application using maps, social network plug-ins, or other advanced web technology.

Prerequisite: Computer Science 3512 with a minimum grade of C-.

COMP 4522 – Database-II: Advanced Databases

(3 credits) 3 hours lecture, 1 hour lab

This course covers advanced concepts and techniques associated with information management. Database implementation and administration issues are examined in depth. Emerging database trends such as data warehousing and data mining are introduced. The course also provides an overview of distributed database topics, including distributed transactions.

Prerequisite: Computer Science 2521 with a minimum grade of C-.

COMP 4535 – Computer Security

(3 credits) 3 hours lecture, 1 hour tutorial

This course covers the concepts and techniques of computer security. It focuses on security issues relevant to the Internet and protecting an organization's internal network. Risk assessment and development of security policies are covered.

Prerequisite: Computer Science 3533 with a minimum grade of C-.

COMP 4543 – Project Management and Quality Assurance

(3 credits) 3 hours lecture, 1 hour tutorial

This course covers strategic approaches for successful management of system development or enhancement projects, from both technical and organizational perspectives. The steps involved in ensuring a high quality deployment of a new application are examined.

Prerequisite: Computer Science 2541 with a minimum grade of C-.

COMP 4545 – Information Systems Organization

(3 credits) 3 hours lecture, 1 hour tutorial

This course provides a strategic perspective of an Information Systems Organization. There are two dimensions: the first deals with Information as a strategic resource and the second deals with administering and controlling this strategic resource. This course discusses how the organization manages and uses information to ensure its competitive advantage.

Prerequisite: Computer Science 2541 with a minimum grade of C-.

COMP 4553 – Human-Computer Interaction

(3 credits) 3 hours lecture, 1 hour tutorial

This course covers the fundamental theory and practice in the design and evaluation of human-computer interfaces. The impacts of computer-based information systems on individuals and organizations are examined along with the rationale for a user-centric approach in all IT applications and systems.

Prerequisite: Computer Science 1511 and 2503 with a minimum grade of C-.

COMP 4555 – Games Development

(3 credits) 3 hours lecture, 1 hour tutorial

This course focuses on the design and implementation of interactive computer games. It emphasizes the algorithms and data structures required to create real time computer graphics, animation, sound, and network communication. In the technical segment, the course uses a variety of development tools in conjunction with a modern 3-D game engine.

Prerequisite: Computer Science 3504 or 3512 or 3551 with a minimum grade of C-.

COMP 5590 – Senior Project

(3 credits)

Students will be expected to design and complete a project of their choosing in some area of computer information systems under the guidance of a supervisor. The project results will then be presented as a paper and a poster or oral presentation to the department. After consultation with a departmental faculty member who will supervise, permission must be obtained from the department chair.

COMP 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

CREE (CREE)

CREE 0130 – Introductory Cree Language

(0 credits)

This is a credit free upgrading course; special fees apply.

This is a basic introduction in both the written (using the Roman alphabet) and oral aspects of the Plains Cree (Y dialect) language. The course will focus on grammar, vocabulary, and oral skills.

CRIMINAL JUSTICE STUDIES (CRJS)

CRJS 1001 – Introduction to Criminology

(3 credits – TG) 3 hours lecture

In this course, students are introduced to the major theoretical concepts presently available as an explanation of crime, criminals and criminality in the field of criminology.

CRJS 1003 – Introduction to the Justice System

(3 credits – TG) 3 hours lecture

In this course, students will examine the functional patterns and roles of the major components in the Canadian Justice System. This process includes (but is not limited to) familiarizing the students with the evolving nature of law enforcement, courts and correctional services.



CRJS 1011 – Introduction to Human Relations

(3 credits) 3 hours lecture

This course will provide students with an understanding of the development of interpersonal relationships. Students will explore cross-cultural, interdisciplinary and evolving perceptions of normal human relationships, as well as the significance of relationship skills in the justice system.

CRJS 1013 – Diversity Issues and the Criminal Justice System

(3 credits) 3 hours lecture

This course will explore issues of diversity and justice within Canadian society. Emphasis will be placed on issues, such as ethnicity, gender, sexual preference, age, and social class, and access to justice throughout Canadian history. Situated in an exploration of competing theoretical paradigms, students will be challenged to consider the complexity of diversity issues in context of the history and practices of the Canadian Criminal Justice System.



CRJS 2001 – Crime and Criminal Intelligence Analysis**(3 credits) 3 hour lecture**

This course introduces students to crime and intelligence analysis as a law enforcement activity. It focuses on an introductory exploration of the foundation and components of crime analysis and the tools employed by crime analysts to assist law enforcement agencies to identify and address community crime concerns.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2003 – Young Persons in Conflict with the Law**(3 credits) 3 hours lecture**

In this course, students will be provided an overview of the behavioural dynamics of young persons involved in anti-social acts. An examination of the legal and social effects of legislation on the community and the young offender is also undertaken. A consideration of community resources is included.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2004 – Issues and Trends in Canadian Policing**(3 credits) 3 hours lecture**

This course introduces students to the major trends and issues related to policing in Canada. Students will gain an appreciation of the historical development of policing in Canada and how this development informs contemporary issues such as the delivery of policing services, police organizations, human resource development within police agencies and the different roles within a police department.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2005 – Aberrant Behavior**(3 credits – TG) 3 hours lecture**

In this course, students critically analyze aberrant behaviours with emphasis on their nature, incidence, correlates, control and prevention. Attention may be given to specific subject areas, which will be examined in conjunction with the current. Diagnostic and Statistical Manual (DSM). Students will be able to differentiate aberrant behaviour from normative conduct in both its application and impact on the criminal justice system.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2006 – Corrections**(3 credits) 3 hours lecture**

This course will provide a comprehensive historical review of the correctional system and its various elements as well as an examination of current theory and practice of Canadian corrections. Particular attention will be given to such contemporary issues as trends from incarceration to community-based treatment as well as coverage of such topics as the incarceration process, probation, parole, institutional programs, rehabilitation and special populations. Attention will also be paid to emerging and proposed changes to corrections. Where appropriate, comparative analysis will also be introduced.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2008 – Geography of Crime: Prevention, Patterns and Trends**(3 credits) 3 hour lecture**

This course explores the fields of environmental criminology and the geography of crime. It provides a critical examination of the theoretical approaches within these fields. Special emphasis is placed upon the relationship between crime and the environment (patterns), crime prevention, spatial dynamics of crime, the criminality of place and the decision processes involved in criminal events.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2009 – Selected Issues in Human Justice**(3 credits) 3 hours lecture**

In this course, students will critically examine topical issues within Human Justice. Each semester's offering will focus on current issues within the major fields of corrections, law enforcement and the judiciary.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2011 – Comparative Criminal Justice Systems**(3 credits – TG) 3 hours lecture**

This course introduces students to a variety of criminal justice system models including common law systems, civil law systems, and systems that differ fundamentally from common and civil law traditions. The selection of countries will vary from year-to-year depending on current social, economic, and/or political issues. The course will present a conceptual framework for a constructive functional comparative analysis of the different models. In addition, the intent of this course is to provide the student with a sampling of criminological phenomena around the world.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2013 – Interviewing Skills**(3 credits) 3 hours lecture**

In this course, students learn basic interviewing techniques. Various aspects of interpersonal communication used in the interview situation such as feedback and mechanisms, paraphrasing and nonverbal communication are discussed and practiced during a series of exercises and experiences related to the functioning of the justice system. As an applied course students will demonstrate (to criteria) skill mastery in both interviewing and self-appraisal.

Prerequisites: Criminal Justice 1001 and 1011.

CRJS 2015 – Introduction to Research Methods in Justice Studies**(3 credits) 3 hours lecture**

Students in this course will develop a foundational understanding of social science research methods as practiced within Criminology and Criminal Justice. Specifically, this course will focus on the theory of inquiry, scientific method, inductive versus deductive reasoning, overview of qualitative and quantitative approaches to research design and data collection, criminological data sources, common errors in research and research ethics.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2017 – Corporate and White Collar Crime**(3 credits) 3 hour lecture**

This course deals with corporate and white collar crimes, which, despite the significant financial and physical harm they cause, do not receive adequate attention in many criminology courses. This course will fill this void by focusing exclusively on the definitions, laws, types, causes, and policy responses that shape crimes by corporations, government agencies, professionals, and others engaged in legitimate occupations.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 2019 – Restorative Justice (formerly AJUS 4419)**(3 credits) 3 hours lecture**

Increasingly, restorative justice programs and practices are emerging as viable alternatives within provincial and federal correctional agencies in the Canadian Justice System. Seen in contrast to the traditional justice paradigms of retribution and punishment, the restorative justice paradigm is emerging in most western societies. This course will explore the philosophical basis of restorative justice and its practice in Canada. International examples will also be discussed.

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 3001 – Quantitative Research Methods and Data Analysis**(6 credits – TG) 3 hours lecture, 2 hour tutorial**

This course provides a detailed examination of quantitative research and data analysis techniques used in criminological research. Within the context of common sources of criminological/criminal justice data, students will learn how to apply descriptive and inferential statistics in quantitative research. Common measures of central tendency, dispersion and association, as well as multivariate analysis will be applied to disaggregated and aggregated data. Students will also be introduced to emerging trends in quantitative data analysis in criminological research such as crime pattern analysis.

Prerequisite: Criminal Justice 2015.

CRJS 3005 – Qualitative Research Methods**(3 credits – TG) 3 hours lecture**

This course introduces students to naturalistic/qualitative research methods and their application to issues of crime and justice in contemporary society. Students are guided through a process of designing and selecting data collection methods that are appropriate, well thought out and valid.

Prerequisites: Criminal Justice 2015 and 2013.

CRJS 3007 – Professional Ethics in Criminal Justice**(3 credits – TG) 3 hours lecture**

Students will study the development of ethical thinking, models of ethical decision-making, professional codes of ethics and issues in ethics relevant to criminal justice practitioners. Case analysis and evaluation will be utilized to increase students' competencies in ethical reasoning.

Prerequisites: Criminal Justice 1013 and 2009.

CRJS 3009 – Crisis Intervention and Conflict Resolution Strategies**(3 credits) 3 hours lecture**

This course will introduce theoretical and practice-based models of crisis intervention and conflict resolution. Students will become familiar with, and learn to analyze and respond to common situations that they may face as criminal justice practitioners. The curriculum will focus on such situations as suicide, relationship violence, sexual assault, chemical dependency, mental health. Post Traumatic Stress Disorder, institutional violence, vicarious victimization and burnout.

Prerequisites: Criminal Justice 1001, 1003, 1011 and 2013.

CRJS 3011 – Criminal Law**(3 credits – TG) 3 hours lecture**

In this course, students will focus on the process of legal problem solving. Students will gain experience in the unique deductive logic within the context of current Canadian criminal law.

Prerequisite: Criminal Justice 1003.

CRJS 4001 – Human Rights and Civil Liberties**(3 credits) 3 hours lecture**

This course explores the relationship between individuals and the nation state. Beginning with a review of competing paradigms related to Human Rights and Civil Liberties, emphasis will be placed on the Canadian Charter of Rights and Freedoms and its interpretation by the judiciary. Issues such as equality before the law, freedoms of expression and religion, obscenity and hate literature will be explored.

Prerequisites: Criminal Justice 2013, 3007 and 3011.

CRJS 4002 – Critical Analyses of Forensic Sciences in the Criminal Justice System**(3 credits) 3 hours lecture**

This course introduces students to the role forensic science plays in the Canadian criminal justice system. Students will gain an appreciation of the development of forensic science and learn that the criminal justice system, at times, struggles with creating a balance between science and the law. As a result, the student will be introduced to various forensic techniques commonly used, but will also be given an opportunity to critically examine how these techniques can both assist and hinder the due process of determining guilt or innocence of accused persons.

Prerequisite: Criminal Justice 2005.

CRJS 4003 – Criminological Theory**(3 credits – TG) 3 hours lecture**

Relying primarily on a lecture and group discussion format, the course will involve examining the original works of selected theorists. Emphasis will be placed on the economic, political, and social context in which theories emerged and how they are reflected in criminal justice practice. Among the perspectives covered will be: positivist explanations; the classical and neo-classical schools of thought; biological explanations; conflict criminology; and the new integrated and interdisciplinary theories.

Prerequisites: Criminal Justice 1001, 2005 and either 3001 or 3005.

CRJS 4007 – Conflict Resolution**(3 credits – TG) 3 hours lecture**

This upper level course will provide students with the basic concepts and requisite skills in dealing with conflict resolution in a variety of criminal justice settings. As an applied course, students will be expected to demonstrate skill mastery to specific criteria.

Prerequisite: Criminal Justice 3009 or permission of the department.

CRJS 4013 – Evidence and Procedures**(3 credits – TG) 3 hours lecture**

This is an advanced course in the study of criminal law as it relates to procedural law and law relating to evidence. Selected topics will include criminal procedure and evidence, including jurisdiction, police powers of search and seizure, the right to counsel and pre-trial and trial procedures. The course will include a survey of the system of rules and standards by means of which the admissibility of evidence is determined.

Prerequisites: Criminal Justice 1001 and 3011.

CRJS 4015 – Advanced Topics in Law, Criminology and Criminal Justice**(3 credits – TG) 3 hours lecture**

This course is designed to offer instruction in topical and timely areas of academic interest in the study of law, criminology and criminal justice (e.g., terrorism, victimology, crime and media, crime prevention and community development).

Prerequisites: Criminal Justice 1001 and 1003.

CRJS 4017 – Casework Methods and Practice**(3 credits) 3 hours lecture**

This course provides an examination of the principles, ethics, values and varying components of an effective casework process. A general systems approach is utilized in an application to case studies and the realities of a helping relationship in the justice system.

Prerequisites: Criminal Justice 1001 and 2013.

CRJS 4021 – Women and Crime**(3 credits) 3 hours lecture**

This course is an advanced-level study, comparison and critical evaluation of the multiple dimensions (theories, disciplines, systems) concerning women in the Canadian criminal justice system: women as offenders, as victims and as criminal justice workers.

Prerequisites: Criminal Justice 1001, 1003 and 1013.

CRJS 4401 – Indigenous People and the Canadian Criminal Justice System**(3 credits) 3 hour lecture**

This course examines the relationship between Indigenous People and the Canadian criminal justice system. At its core is an examination of Indigenous Peoples' over-representation as victims and offenders and under-representation of practitioners in the Canadian criminal justice system. The course also discusses underlying factors and government initiatives to address this issue, including traditional Indigenous approaches to justice.

Prerequisites: Criminal Justice 1001, 1003 and 1013.

CRJS 5001 – Honours Seminar**(3 credits) 3 hours seminar**

Honours students are required to participate in a weekly seminar to explore the synthesis of research and theory within the study of justice. Information related to the research and writing phases of an Honours proposal and final paper will be reviewed, with particular emphasis placed on the development of a meta-analysis/literature review. Discussions will also focus on preparation for graduate schools and professional schools.

Prerequisite: Acceptance into the Bachelor of Arts – Criminal Justice Honours stream.

CRJS 5010 – Honours Research Project I**(3 credits)**

Under the one-on-one supervision of a full-time faculty member in the Department of Justice Studies, Honours students will conduct an in-depth scientific investigation of a selected topic in justice. In this first of two back-to-back required Honours Research Project courses, students will focus on producing a research proposal related to their proposed project. Approval of a formal research proposal and completion of appropriate research ethics reviews are prerequisites to any data collection.

Prerequisite: Acceptance into the Bachelor of Arts – Criminal Justice Honours stream.

CRJS 5020 – Honours Research Project II**(3 credits)**

Under the one-on-one supervision of a full-time faculty member in the Department of Justice Studies, Honours students will conduct an in-depth scientific investigation of a selected topic in justice. In the second of two back-to-back required Honours Research Project courses, students will undertake and complete a research project. Approval of a formal research proposal and completion of appropriate research ethics reviews are prerequisites to any data collection.

Prerequisite: Criminal Justice 5010.

CRJS 5025 – Criminal Justice Capstone Practicum**(6 credits) 2.5 days per week placement + 3 hours tutorial biweekly**

This course involves supervised study and practice. Students spend three and one half days a week in a justice-related agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge and skill in social work methods. During agency work, attention is given to developing students' specific skills and competencies in relation to the Department's experiential learning outcomes. Seminars will focus on integrating relevant Justice Studies' program outcomes with students' work in the field.

Prerequisites: Criminal Justice 2013, 3007 and 3009, or permission of department.

CRJS 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

CHILD AND YOUTH CARE COUNSELLOR (CYCC)**CYCC 1110 – Fundamental Skills in Interviewing****(3 credits – TG) 3 hours lecture**

This course emphasizes the acquisition of skills necessary to interview individuals on a one-to-one basis. Students' attitudes towards the helping relationship and strategies for facilitating relationships will also be explored. Students will learn basic communication skills and styles and be challenged to create goals related to their own communication style.

CYCC 1130 – Mental Health and Substance Abuse Issues**(3 credits – TG) 3 hours lecture**

This course will examine a variety of mental health and substance abuse issues affecting children, youth and families. Students will learn risk and protective factors and examine best practices (i.e. assessment, intervention and referral) relevant to serving those impacted by mental health and/or substance abuse issues.

CYCC 1132 – The Profession of Child and Youth Care**(3 credits) 3 hours lecture**

This course is the foundation for all subsequent Child and Youth Care Counsellor courses. Students are challenged to explore their belief and value systems, gain self-awareness and understand the personal impact when working with vulnerable children, youth and families. The history and scope of the CYC child and youth care profession are also examined.

Note: Child and Youth Care Counsellor 1132 is a prerequisite for all subsequent Child and Youth Care courses.

CYCC 1142 – Fieldwork**(3 credits) 3 hours tutorial, 45 hours fieldwork**

This course is an observation fieldwork experience which allows students the opportunity to observe a variety of child welfare, justice, community and educational programs. In seminar, students will explore their "professional presentation of self" through the development of a portfolio, journal writing, self care practices and discussions of ethical practice.

CYCC 1221 – Fundamental Skills in Counselling**(3 credits – TG) 3 hours lecture**

This course emphasizes the acquisition of skills necessary to counsel individuals on a one-to-one basis. Students' attitudes toward professional relationships and issues in child and youth care counselling are explored.

CYCC 1232 – Working with Vulnerable Children, Youth and Families**(3 credits) 3 hours lecture**

This course emphasizes attitudes, knowledge, skills, and proficiencies unique to the competent child and youth care counsellor. This course will explore interventions and strategies utilized when working with vulnerable children, youth and families within a variety of environments.

CYCC 2210 – Policies, Systems, and Issues Regarding Children and Youth**(3 credits) 3 hours lecture**

This course examines the political, systemic and legal issues regarding children and youth, including current provincial and federal legislation. Issues of delinquency, socialization, advocacy for vulnerable children and youth, and professional and ethical practice, are examined within the contexts of historical, ecological and environmental factors.

CYCC 2216 – Group Process and Counselling Theory**(3 credits – TG) 3 hours lecture**

This course is designed to connect the theories of counselling to group process and facilitation. Students will acquire the skills necessary to counsel individuals in group situations and to facilitate groups effectively. The role of groups in the treatment of vulnerable children, youth and families is explored.

CYCC 2226 – Assessment and Intervention**(3 credits) 3 hours lecture**

This course integrates theory and practice, providing students with the tools they will need to effectively assess, evaluate and provide intervention for vulnerable children, youth and families.

CYCC 2235 – Youth Care Practice with Families**(3 credits – TG) 3 hours lecture**

This course examines diverse family types, focusing on assessing family needs and dynamics through systems theories. Students will learn intervention strategies for working with vulnerable children, youth and families.

CYCC 2241 – Practicum**(6 credits) 2 hours tutorial, 210 hours fieldwork**

Students complete a practicum in a residential setting, school or community agency to learn the specific skills required to work with vulnerable children, youth and families. They will have the opportunity to integrate theory and practice through seminars and supervised experiences.

CYCC 2242 – Practicum**(6 credits) 2 hours tutorial, 210 hours fieldwork**

This course is a continuation of Child and Youth Care Counsellor 2241.

CYCC 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

DIRECTED READINGS

(1 to 4 credits)

Subject to the approval of the department chair.

In order to establish a more flexible approach by which students may pursue and receive credit in areas of study, which are of particular interest to them, a category of courses entitled Directed Readings has been established. The credit value may vary between 1 and 4 credits. The actual value will be determined by the instructor and the chair of the department concerned. However, no more than one course, not to exceed 4 credits, of directed readings can be used for graduation purposes. The objectives agreed upon will be filed in the Office of the Registrar and will be made available to any institution requesting them for evaluation purposes. Arrangements for directed readings must be completed within three weeks of the first day of classes.

DISABILITY STUDIES (DAST)

DAST 1102 – Disabling Conditions I

(3 credits) 3 hours lecture

This course is the first of two that focus on the etiology of a wide range of disabling conditions. Genetic processes that result in disabilities will be outlined. Students will be introduced to prenatal, peri-natal or postnatal causes of disabilities and to the anatomical and physiological basis of various disabilities. Diagnostic processes, accommodations and intervention approaches associated will also be discussed.

DAST 1104 – Disabling Conditions II

(3 credits) 3 hours lecture

This is the second of two courses focusing on the etiology of the range of disabling conditions. Causation, diagnostic processes, characteristics, accommodations and intervention approaches will be discussed in detail for a wide range of disabling conditions.

Prerequisite: Disability Studies 1102

DAST 1111 – Social History and Context of Disability

(3 credits) 3 hours lecture

This course is an overview of the social, cultural, historical and philosophical perspectives of disability. Historical and current views are examined.

DAST 1124 – Field Experience

(3 credits) 3 hour tutorial biweekly and 50 hours fieldwork

This course provides experience in a disability serving agency. Students will learn about different theoretical models and approaches to supporting individuals with disabilities. Under the supervision of agency personnel students will have an opportunity to develop beginning engagement and rapport building skills, and will assist in supporting individuals to meet their goals. Biweekly seminars will focus on integrating theory with the students' experience in the field, as well as establishing an ethical and professional practice.

Pre or Co-requisites: Disability Studies 1102 and 1111.

DAST 1126 – Practicum I

(3 credits) 2 hours tutorial and 50 hours fieldwork

This course provides students with both a theoretical introduction to the provision of supports within diverse families as well as a 50 hour practicum with a family. The course will help students develop an understanding of the reciprocal influences within families that include persons with disabilities. Students will gain an appreciation of the diversity of family dynamics and how they are influenced by the community and the larger society. Students will learn how to engage families and assess their support needs as well appreciate and support the strengths within the family system.

Prerequisites: Disability Studies 1124.

DAST 2205 – Disability Work Management

(3 credits) 3 hours lecture

This course is an introduction to vocational rehabilitation and supported employment/ career development for people with disabilities.

Prerequisite: Disability Studies 1111.

DAST 2206 – Organizations and Leadership

(3 credits) 3 hours lecture

This is an introductory course which focuses on providing students with theoretical and practical information about principles of effective leadership and the functioning of human service organizations. Students will explore the theory and practice of leadership and organizational development in the context of disability-related organizations.

Prerequisite: Disability Studies 1111.

DAST 2208 – Advocacy for Canadians with a Disability

(3 credits) 3 hours Lecture

Students will learn about historical social change movements in society led by marginalized groups. This course will review critical issues and specific examples relevant to the practice of social justice and advocacy for change. The course incorporates planning exercises, ethical discussions, and outcome analysis.

Prerequisite: Disability Studies 2209

DAST 2209 – Disability Social Policy

(3 credits) 3 hours lecture

In this course students will review and analyze social problems, policies, and issues as they relate to the delivery and development of services for persons with disabilities. It will explore the process by which social policy is developed in Canada and how human service workers can influence policy.

DAST 2211 – Group Facilitation

(3 credits) 3 hours lecture

This course is designed to develop skills for working with groups through a combination of lectures, observation, and experiential learning. The stages of group development, group roles and norms, theoretical frameworks, intervention, group design, implementation and evaluation will be addressed.

Prerequisite: Interdisciplinary Studies 1240.

DAST 2223 – Positive Behavioural Supports

(3 credits) 3 hours lecture

This course will introduce students to approaches and techniques that may be applied in response to difficult and challenging behaviours demonstrated by persons with disabilities. Students will learn to select respectful approaches appropriate to the age of the client and nature of his or her disability. Case studies will be utilized throughout the course.

Prerequisite: Disability Studies 1111.

DAST 2224 – Practicum II

(3 credits) 1.5 hours tutorial and 100 hours fieldwork

This is a senior-level practicum course where students obtain hands-on practical knowledge in implementing Positive Behavioral Support strategies to address challenging behaviors. Under the supervision of a skilled community-based practitioner, students will learn strategies for responding to challenging behaviors in ways that are respectful of the rights and dignity of all individuals involved. Students are required to attend weekly tutorials where individual field experiences will be discussed.

Prerequisites: Disability Studies 2223 and 1126.

DAST 2226 – Practicum III

(3 credits) 1.5 hours tutorial and 150 hours practicum

This is an advanced-level practicum where students have an opportunity to apply many of the leadership skills which they are learning in Disability Studies 1206: Organizations and Leadership. Under the supervision of an experienced community-based practitioner, students will develop leadership skills necessary for working successfully in disability-related organizations. As part of their practicum requirement, students must attend bi-weekly integration seminars where reflections from individual practicum experiences will be discussed.

Prerequisite: Disability Studies 2224.

Pre or Co-requisite: Disability Studies 2206.

DAST 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ECOLOGY (ECOL)

ECOL 1111 – Terrestrial Ecology (formerly ECOL 2211)

(3 credits) 3 hours lecture, 3 hours lab

The study of the interactions and the interdependencies of organisms in terrestrial ecosystems will be the focus of this course. Ecological processes and interactions at the individual, population and community levels within terrestrial ecosystems will be examined. Spatial and temporal patterns of variability within terrestrial ecosystem components and the resulting effects on ecosystem function will be investigated. Natural variability as well as human-induced changes will be profiled. This course will also examine how managed and unmanaged natural terrestrial ecosystems interact with industrial systems. The resulting effects of these interactions on biodiversity and ecosystem function will be critically examined.

ECOL 1210 – Ecology

(3 credits – TG) 3 hours lecture, 3 hours lab

This course explores the relationships between living organisms and their environment. Major topics include introductions to ecology, evolution, the natural history of Alberta, and ecological interactions. An understanding of biodiversity, species at risk issues and natural resource management will be developed. Recreational impacts on ecological systems will be examined as well. This course is intended for students in the Bachelor of Applied Ecotourism and Outdoor Leadership program.

ECOL 2219 – Aquatic Ecology

(3 credits) 3 hours lecture, 3 hours lab

The study of the structure and function of aquatic ecosystems is undertaken in this course. There is an emphasis on freshwater systems. The goal is to understand how physical, chemical, biological and anthropogenic factors influence population dynamics and community structure in aquatic ecosystems. Laboratory and field research methods used in aquatic ecology are introduced. Current literature and case studies in various areas of aquatic ecology will be critically reviewed. Aquatic biodiversity issues and sustainability issues are emphasized. The interactions and integration of industrial systems with natural aquatic systems will also be reviewed.

Prerequisites: Successful completion of semesters 1 and 2 of Direct Entry, Bachelor of Applied Science - Environmental Science program or equivalents or consent of the department.

ECONOMICS (ECON)

ECON 0260 – Issues in Consumer Economics

(3 credits – TG) 2 hours lecture, 1 hour tutorial

Issues facing contemporary Canadian consumers are discussed. This course focuses on key issue areas in the discipline including: the interplay between societal trends, consumer choices, and the environment; sustainable lifestyles; credit management, rights, responsibilities and ethics in interactions between government, business and consumers; factors affecting consumer choices in food, shelter and planning for the future; and collective issues such as transportation and health care.

ECON 1101 – Principles of Microeconomics

(3 credits – TG) 3 hours lecture, 1 hour lab

This course examines how individuals, firms, and governments allocate scarce resources. Market, firm, and society choices are examined using the principles of consumption and production under the following market structures: perfect competition, monopoly, oligopoly, and monopolistic competition. These principles form the basis for analyzing the decision-making processes associated with contemporary microeconomics issues.



ECON 1103 – Principles of Macroeconomics

(3 credits – TG) 3 hours lecture, 1 hour lab

This course will acquaint students with introductory macroeconomic principles and issues, including key macro variables, and two important short run models of income determination, namely the Keynesian model and the AS/AD model. The course also examines the monetary system, interest rates and the monetary transmission mechanism, business cycles, fiscal and monetary policies, international trade, exchange rates and the balance of payments.



ECON 1109 – Engineering Economics

(3 credits – TG) 3 hours lecture, 1 hour tutorial

Engineering economics includes such topics as the time value of money, project evaluation, depreciation and taxation, inflation, replacement analysis, public sector projects and the analysis of uncertainty and risk. Various problem-solving techniques will be developed with an emphasis on engineering decision making.

ECON 1143 – The Economics of Contemporary Issues

(3 credits – TG) 3 hours lecture

This course will apply principles of microeconomics and macroeconomics to current issues in society. By examining current issues from an economic perspective, students will learn how to assess contemporary issues in terms of the individual and overall winners and losers resulting from policies, regulations and systems. Specific issues to be covered in this course depend upon their currency and importance in relation to the time of the course offerings.



ECON 1170 – Economics of Crime and Criminal Justice

(3 credits) 3 hours lecture

This course discusses the economic elements underlying the behaviour of criminals, victims, and law enforcement agencies. Major topics covered include the supply of crime by criminals, the demand for crime prevention by victims, and public policy issues such as crime control and the allocation of criminal justice resources.



ECON 2211 – Intermediate Economic Theory – Microeconomics I

(3 credits – TG) 3 hours lecture

This course examines economic decision making of consumers and businesses. Topics covered include people's consumption choices of and demand for goods and services, the external environment and market structure under which consumers and businesses interact with each other, and the strategic decisions of businesses such as production and pricing strategies.

Prerequisite: Economics 1101 or consent of the department.



ECON 2213 – Intermediate Economic Theory Macroeconomics I

(3 credits – TG) 3 hours lecture

The course deals with Keynesian and AS/AD models, the Hicks-Hansen and Mundell-Fleming macro models in an open economy context (IS-LM-BP), AD-AS model under static expectations, the New-Classical, and New-Keynesian models, exchange rates and fiscal and monetary policies in dealing with contemporary macro economic problems of recession, unemployment and inflation.

Prerequisite: Economics 1103 or consent of the department.



ECON 2221 – International Trade

(3 credits – TG) 3 hours lecture

This course examines international trade theory, policy and applications. Topics include a brief history of trade, absolute and comparative advantage basis for trade, the Heckscher-Ohlin theory, trade with economies of scale, tariffs, non-tariff trade barriers, political economy of non-tariff barriers, strategic trade policies, trade agreements, role of the World Trade Organization (WTO) and developing economies' trade policies. The course emphasizes current applications, policy development, as well as the institutional framework underlying the interaction between nations.

Prerequisites: Economics 1101 and 1103

**ECON 2223 – Gender Economics**

(3 credits – TG) 3 hours lecture

This course examines how gender differences impact women in both the household and the marketplace. Basic economic theory provides the framework to explore such issues as marriage, fertility and child care as well as determine overall trends in the labour market.

Prerequisite: Economics 1101 or consent of the department.

**ECON 2229 – International Money and Finance**

(3 credits – TG) 3 hours lecture

This course examines international monetary theory, policy and applications. Topics include: balance of payments, the role of money and relative interest rates, exchange rate models/regimes and their effect on price levels and output, international investment and global capital markets, currency crises, the international financial architecture, including the role of the World Bank and the International Monetary Fund (IMF). This course emphasizes current applications, policy development, as well as the institutional framework underlying the interaction between nations.

Prerequisites: Economics 1101 and 1103.

**ECON 2241 – Money and Banking**

(3 credits – TG) 3 hours lecture

This course examines topics such as financial intermediation, determination and behaviour of interest rates, commercial banking and the money supply process, central banking and monetary control, regulation of financial markets, transmission of monetary impulses to output, employment and prices.

Prerequisite: Economics 1103 or consent of the department.

**ECON 2244 – Managerial Economics**

(3 credits – TG) 3 hours lecture

Managerial economics is concerned with resource-allocation, strategic decisions, and tactical decisions that are made by analysts, managers, and consultants in the private, public, and not-for-profit sectors of the economy. Managerial economic techniques seek to achieve the objectives of the organization in the most efficient manner, while considering both explicit and implicit constraints on achieving the objective(s).

Prerequisite: Economics 1101.

**ECON 2255 – Economics of the Public Sector**

(3 credits – TG) 3 hours lecture

This course examines the institutions behind, and the economic rationale for, Canadian government policy relating to public expenditures and taxation. Topics include public goods; externalities; public expenditure theory and policy; tax and user price theory and policy; and social welfare and social insurance.

Prerequisites: Economics 1101 and 1103 or consent of the department.

**ECON 2261 – Development Economics**

(3 credits – TG) 3 hours lecture

This course provides an introduction to economic challenges facing developing countries, models of economic development, comparative analysis of national economic development experience, perspectives on economic development policies, and roles of the state, domestic institutions and international institutions in the development process.

Prerequisites: Economics 1101 and Economics 1103.



Note: Students with prior credit for Economics 2263 may not take this course for additional credit.

ECON 2263 – Development Economics - Field School Program

(3 credits – TG) 3 hours lecture

A hands-on introduction to economic challenges facing developing countries, models of economic development, comparative analysis of development experience, perspectives on economic development policies, and roles of the state, domestic institutions and international institutions in the development process. The entire course is taught at a Mount Royal Field School in a developing country.

Prerequisites: Economics 1101 and Economics 1103, or consent of Department.

Note: Students with prior credit for Economics 2261 may not take this course for additional credit.

ECON 3101 – The Law & Economics of Canadian Business Strategy

(3 credits – TG) 3 hours lecture

This course focuses on strategic behaviour of firms in imperfectly competitive markets. Students will learn how businesses can compete with each other without violating any competition laws or industry-specific regulations. Topics studied include mergers, predation, tied selling, resale price maintenance, cartels, intellectual property rights, anti-dumping laws, and network industries.

Prerequisite: Economics 1101.

ECON 3305 – History of Economic Thought

(3 credits – TG) 3 hours lecture

Studying the contributions of leading economic thinkers, from Adam Smith to John Maynard Keynes, this course examines the various perspectives that have influenced the development of economic thought. This course will analyze these economic theories and address some of the implications for policy researchers.

Prerequisites: Economics 1101 and 1103.

**ECON 3357 – Intermediate Economic Theory – Microeconomics II (formerly ECON 2257)**

(3 credits – TG) 3 hours lecture

This course examines selected microeconomic topics. Major topics include organizational management of businesses such as recruitment and retention of employees and pay structure, and strategic business decisions such as advertising and pricing choices. Other topics covered include general equilibrium analysis, welfare economics, externalities, and factor markets.

Prerequisite: Economics 2211.

ECON 3359 – Intermediate Economic Theory – Macroeconomics II

(3 credits – TG) 3 hours lecture

This course examines the role of expectations in macroeconomic models and theories of aggregate consumption, investment, money demand, and economic growth. Students will also study business cycle theories and the inflation unemployment relationship, as well as the theory and practice of economic stabilization policy.

Prerequisite: Economics 2213.

ECON 3395 – Introduction to Applied Econometrics

(3 credits – TG) 3 hours lecture

The course introduces techniques for quantifying economic relationships. Topics include estimation and testing of hypotheses, forecasting and construction of prediction intervals, use of appropriate functional forms, detection and correction of measurement problems, model specification, and use of statistical software programs for single equation regression analysis.

Prerequisites: Economics 1101 and 1103, and one of the following: Policy Studies 2209, Mathematics 1224, Management 2262; or consent of the department.

ECON 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

EDUCATION (EDUC)**EDUC 1209 – The Learner: Elementary Art Education I**

(3 credits – TG) 3 hours lecture

This course is designed to assist prospective teachers in developing their visual communication abilities. Participants will explore various materials and participate in studio projects designed to enhance their understanding of age appropriate art experiences for elementary students.

EDUC 1231 – The Teacher: Professional Dimensions I

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course examines the teaching-learning process with reference to psycho-social, philosophical, and political influences in contemporary society, addressing the concept of personal worldview and its impact on teaching and learning. Students are encouraged to recognize similarities and differences between education and schooling. All students are required to participate in relevant field experiences.

This course is designated as critical for continuance in the program, with a minimum 'B' grade required for students to advance. Students must achieve a minimum of 'B' grade in this course. Grades below a 'B' must be replaced by repeating the course before students may progress in any further education courses.

EDUC 1233 – The Teacher: Professional Dimensions II

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course investigates the evolution of the educational enterprise through historical and personal perspectives. Further, it examines possible future developments and their impact on education and schooling. Students will participate in field experiences involving diverse school environments and begin developing their teaching e-portfolio.

Prerequisite: Education 1231.

Note: This course is designated as critical for continuance in the program, with a minimum 'B' grade required for students to advance. Students must achieve a minimum of 'B' grade in this course. Grades below a 'B' must be replaced by repeating the course before students may progress in any further education courses.

EDUC 2271 – The Teacher: Introduction to Methods and Materials in Teaching English as a Second Language (TESL)

(3 credits – TG) 3 hours lecture

This course introduces students to recognized methods useful for working with beginner level ESL learners and the concomitant demands for materials and learning resources. Students will become familiar with the theoretical underpinnings of Total Physical Response (TPR), audio-lingual, Language Experience Approach (LEA) and the selection/design/ preparation of learning resources required to support these methods.

Prerequisites: Linguistics 1111 and 1113 or Education 2371.

EDUC 2307 – The Learner: Elementary Art Education II

(3 credits – TG) 3 hours lecture

This course provides an opportunity for prospective teachers to continue to develop their visual communication abilities through participation in advanced studio projects that assist them in producing age-appropriate art materials for use in the classroom. All students are required to participate in relevant field experiences.

Prerequisite: Education 1209.

EDUC 2312 – The Learner: Elementary Music Education I

(3 credits – TG) 3 hours lecture

This course provides an opportunity for prospective teachers to develop musical skills, concepts and instructional methodologies that are considered to be important for teaching music in the elementary school setting. Students are required to participate in relevant field experiences.

EDUC 2321 – The Learner: Education and Individual Development

(3 credits – TG) 3 hours lecture

This course examines human behaviour, focusing on physical, emotional, cognitive, moral and social development. Emphasis is placed on understanding classroom implications of motivation, memory, learning styles, student diversity, principles of reinforcement, and the universal aspects of learning. Students are required to participate in relevant field experiences.

Prerequisites: Education 1231 and 1233.

EDUC 2325 – The Community: Understanding Current and Emerging Pedagogical Technologies

(3 credits – TG) 3 hours lecture, 1 hour lab

This course provides an overview of technological influences in education. It is designed to assist prospective teachers in critically examining current and evolving applications of technology relevant to the teaching and learning process.

Prerequisites: Education 1231 and 1233.

EDUC 2341 – The Community: Diversity and Education

(3 credits – TG) 3 hours lecture

This course explores key processes, perspectives and practices underlying effective learning in diverse settings. Topics include the construction of the concept of difference, stereotyping, prejudice, discrimination, racism, classism and sexism, all of which are examined with reference to their impact on learning.

Prerequisites: Education 1231 and 1233.

EDUC 2351 – The Learner: Aboriginal Cultural Dimensions and Classroom Applications

(3 credits – TG) 3 hours lecture

This course is designed to prepare and sensitize prospective teachers to aboriginal perspectives, values, and methods as they relate to the learning context. The course will include an in-depth examination of traditional aboriginal education and associated values.

Prerequisites: Education 1231 and 1233.

EDUC 2371 – The Learner: Language Development and Literacy

(3 credits – TG) 3 hours lecture

This course focuses upon language development and the importance of literacy. Students will examine certain principles of learning in order to gain understanding as to how language development occurs as well as to determine best practice in teaching language and literacy. Students are required to participate in relevant field experience.

Prerequisites: Education 1231 and 1233.

EDUC 3201 – Visual Art and Mathematics: An Integrated Understanding

(3 credits) 3 hours lecture

This course examines the fundamental knowledge, understanding, skills and processes necessary for the integration of visual arts and mathematics at the elementary school level. The course will address relevant instructional methodologies, curriculum integration and resource development for both visual arts and mathematics.

Prerequisite: Education 1209 or Mathematics 1102 or permission of department.

EDUC 3323 – The Learner: Effective Assessment - Measurement and Evaluation

(3 credits – TG) 3 hours lecture

This course is designed to assist students in developing an understanding of concepts and issues related to the differentiated assessment of learning. Participants will be required to develop competence in the construction of various instruments and processes used to measure and evaluate individual learner performance.

Prerequisites: Education 2321, 2325 and 2371.

EDUC 3361 – The Learner: Exceptional Students, Special Needs, and Inclusive Schooling

(3 credits – TG) 3 hour lecture

This course examines characteristics of students exhibiting a range of mild, moderate, and severe disabilities and students exhibiting exceptional gifts and talents. Diverse educational, cultural, and linguistic backgrounds will be discussed. The course also examines methods that can be used in adapting classroom instruction and management of the diverse needs.

Prerequisite: Education 2321.

EDUC 3372 – The Learner: Early Literacy Teaching English as a Second Language (TESL)

(3 credits – TG) 3 hours lecture

This course will introduce the student to ways of working with pre-literate ESL children as they begin to acquire early literacy concepts and skills, develop oral language and breadth, and depth of vocabulary knowledge. The course will comprise a balanced approach to an early literacy program that is necessary for later literacy success in reading comprehension.

Prerequisites: Linguistics 1111 and 1113 or Education 2371.

EDUC 4010 – The Teacher: Practicum I

(3 credits)

This practicum focuses on inquiry, reflective planning and teaching and assessment practices. Students will be directly involved in all aspects of teaching for 50% of the required time during their last three weeks of the practicum.

Pre-requisites: Education 2321, 2325, 2371, 3323 and 3361.

EDUC 4020 – The Teacher: Practicum II

(6 credits)

This practicum II experience focuses on inquiry, reflective planning as well as teaching and assessment practices, including the major curriculum project. Students will be expected to be directly involved in all aspects of teaching for 50% by the third week, 75% by the end of the sixth week and 100% during the final three weeks of the practicum.

Prerequisites: Education 4010.

EDUC 4101 – Program of Studies and Curriculum Instruction in Teaching Art (Elementary)

(3 credits) 3 hours lecture

This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for Teaching Elementary Art in Alberta schools. The course will address relevant instructional methodologies, unit planning, curriculum integration, and resource development. Students will investigate a range of assessment strategies including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323, and 3361.

EDUC 4102 – Program of Studies and Curriculum Instruction in Teaching Drama (Elementary)

(3 credits) 3 hours lecture

This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching elementary drama. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs, including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4103 – Program of Studies and Curriculum Instruction in Teaching English Language Arts (Elementary)

(3 credits) 3 hours lecture

This course explores the knowledge and skills required to implement programs of studies in teaching English Language Arts in Elementary Schools. The course will address relevant instructional methodologies, unit planning, curriculum integration and resource development. Students will investigate a range of assessment strategies including test design and construction, and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323, and 3361.

EDUC 4104 – Program of Studies and Curriculum Instruction in Teaching Music (Elementary)

(3 credits) 3 hours lecture

This course is designed to provide musical experiences which will help the student gain skills to appropriately enhance the musical growth of children in K – 6 classrooms. The course participant's personal skill and understanding of musical concepts will be developed; musical needs and capabilities of young children will be investigated; methods of teaching music to young children will be presented through observation and application.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4105 – Program of Studies and Curriculum Instruction in Teaching Physical Education (Elementary)

(3 credits) 3 hours lecture

This course examines the fundamental knowledge, understanding, values, attitudes, skills, and processes required to implement an effective program of studies for teaching Physical Education in Elementary School Education in Alberta schools. The course will address relevant instructional methodologies, unit planning, curriculum integration, and resource development. Students will investigate a range of assessment strategies including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4106 – Program of Studies and Curriculum Instruction in Teaching Science (Elementary)

(3 credits) 3 hours lecture

This course explores knowledge and skills required to implement programs of studies in teaching Science in elementary schools. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs, including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4107 – Program of Studies and Curriculum Instruction in Teaching Social Studies (Elementary)

(3 credits) 3 hours lecture

This course explores the knowledge and skills required to implement programs of studies in teaching Social Studies in Elementary (1 – 6) Education. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4108 – Program of Studies and Curriculum Instruction in Teaching Mathematics (Elementary)

(3 credits) 3 hours lecture

This course explores knowledge and skills required to implement programs of studies in teaching Mathematics in Elementary schools. The course will address a range of approaches to develop instruction, plan units of study, integrate curriculum, develop resources and assessment strategies to meet students' needs, including test design and construction and the reporting of evaluation results.

Prerequisites: Education 1231, 1233, 2321, 2325, 2371, 3323 and 3361.

EDUC 4201 – The Professional Teacher: Integrating Ideas, Values and Praxis

(3 credit) 3 hours lecture

This required Capstone Course is only open to pre-professional teachers in their final practicum term of the Bachelor of Education program. Participants will critically reflect upon significant issues and experiences gleaned from their education, general education, schooling and elective courses, field experiences and practica. The development of a Professional Teaching E-portfolio and Applied Curriculum Project will be the major focus.

Pre-requisites: Education 2321, 2325, 2371, 3323 and 3361.

EDUC 4321 – The Teacher: Developing a Philosophy of Education

(3 credits – TG) 3 hours lecture

This course examines basic beliefs concerning what is "sensible", "right", and "good" in promoting learning. Participants will critically reflect upon significant issues and experiences and will develop their philosophy of teaching and learning.

Prerequisites: Education 1231 and 1233.

EDUC 4325 – The Community: The Impact of Social Issues in Education and Schooling

(3 credits – TG) 3 hours lecture

This course examines factors such as the economy, the state, social class, gender, ethnicity, sub-cultural membership, ideology, religion, and the home environment, and their relationship to and impact on learning in general and schooling in particular.

Prerequisites: Education 1231 and 1233.

EDUC 4471 – The Community: ESL in Mainstream: Language through Content Teaching English as a Second Language (TESL)

(3 credits – TG) 3 hours lecture

This course will introduce students to the principles of language through content (LTC) teaching and would enable them to respond to the needs of ESL learners as they attempt to learn language AND content together in the context of the mainstream classroom.

Prerequisites: Linguistics 1111 and 1113 or Education 2371.

EDUC 4491 – The Community: Community Involvement in the Fine Arts

(3 credits – TG) 3 hours lecture

This course uses a seminar approach to explore facets of planning and the implementation of meaningful fine arts experiences in the community setting.

Prerequisite: Education 1209 or 2307.

EDUC 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

EARLY LEARNING AND CHILD CARE (ELCC)

ELCC 1104 – Introduction to Early Learning and Child Care

(3 credits) 3 hours lecture

This initial course provides students with an overview of the field of early learning, child care and the profession. Students will begin to develop a personal philosophy of early childhood education as they gain knowledge and skills about quality care, professional roles and government regulations.



ELCC 1109 – Principles of Development I

(3 credits) 3 hours lecture

This course is the first of two courses that covers the theories and sequences of development from birth to twelve-years.



ELCC 1110 – Learning Through Play I

(3 credits) 3 hours lecture

This course will examine play as it affects children's total development. Topics to be discussed include: definitions and theories of play; values and types of play; and the role of the adult and the effect of the environment in the facilitation of play.

Pre or Co-requisite: Early Learning and Child Care 1109.



ELCC 1120 – Learning Through Play II

(3 credits) 3 hours lecture

This course considers the foundations of a play-based learning environment. Students will explore the theory, methods and techniques of developmentally appropriate practices.

Pre or Co-requisites: Early Learning and Child Care 1104, 1109, and 1110.



ELCC 1180 – Fieldwork

(3 credits) 1 hour lecture, 100 hours fieldwork

Students will observe and participate, alternately in the Child Development Lab and / or in approved environments one day a week. This course will focus on the practical application of the theories learned in Early Learning and Child Care 1104, 1109 and 1110.



ELCC 1209 – Principles of Development II

(3 credits) 3 hours lecture

This course is the second of two courses that cover the theories and sequence of development from birth to twelve years.

Pre or Co-requisite: Early Learning and Child Care 1109.



ELCC 1213 – Communicating with Parents and Professionals in Early Learning and Child Care Settings

(3 credits – TG) 3 hours lecture

This course will examine communication strategies necessary for early learning and child care professionals in their interactions with colleagues, parents and other professionals. This will include both verbal and written communications, problem solving and conflict resolution approaches applicable to the child care professional.

Recommended preparation: Early Learning and Child Care 1104.



ELCC 1282 – Practicum I

(3 credits) 2 hours bi-weekly, 260 hours practicum

For two days per week, students will interact with young children in an early childhood setting under supervision. Students will be accepted into practica on the basis of academic performance and health.

Pre or Co-requisites: Early Learning and Child Care 1110, 1120 and 1209.



Note: Students must successfully complete Early Learning and Child Care 1282 with a minimum 'C' grade to enrol in Early Learning and Child Care 2285.

ELCC 2121 – Guidance and Planning (formerly ELCC 1121)

(3 credits) 3 hours lecture

This course covers the planning of play environments for children to age twelve with a focus on a variety of curriculum areas. Students will explore the theory, methods and techniques of developmentally appropriate practices.

Prerequisites: Early Learning and Child Care 1209, 1120 and 1282.

Co-requisite: Early Learning and Child Care 2285.

ELCC 2211 – Child, Family and Community (formerly ELCC 1211)

(3 credits) 3 hours lecture

This course focuses on the family of the pre-school child. Issues concerning families are discussed in terms of the effect they have on all members of the family and on the development of the child. The role of the early childhood professional in understanding, accepting and supporting families is discussed. Various means of developing partnerships with parents will be explored.

Prerequisites: Early Learning and Child Care 1213 and 1209.

ELCC 2215 – Young Children with Special Needs (formerly ELCC 1215)

(3 credits) 3 hours lecture

This course provides students with information about young children with special needs. Along with learning about specific types of conditions and an introduction to the field of exceptional children. This course will discuss, also present, techniques to integrate children with special needs into early childhood programs.

Prerequisites: Early Learning and Child Care 1120 and 1209.

ELCC 2217 – Professional Practices in Early Childhood Organizations (formerly ELCC 1217)

(3 credits) 3 hours lecture

This course discusses professional practices in relation to leadership and management organizational structure of child care programs.

Pre or Co-requisite: Early Learning and Child Care 1282.

ELCC 2220 – Issues in Early Learning and Child Care (formerly ELCC 1220)

(3 credits) 3 hours lecture

This course will examine current trends and issues that pertain to the profession of early learning and child care.

Prerequisite: Early Learning and Child Care 1104.

Pre or Co-requisite: Early Learning and Child Care 1282.

ELCC 2285 – Practicum II (formerly ELCC 1285)

(6 credits) 2 hours monthly lecture, 370 hours practicum

This course is a continuation of Early Learning and Child Care 1282. Students will spend three days per week in a child care setting under supervision. The theories and appropriate practices of early learning and child care will be reinforced and students' skills in these areas will be developed and assessed. Students will be accepted into practica on the basis of academic performance and health. Students must achieve a minimum "C" grade in ELCC 1282 to enrol in ELCC 2285. Students must achieve a minimum "C" grade in ELCC 2285 to graduate with the Early Learning and Child Care Diploma.

Prerequisites: Early Learning and Child Care 1120 and 1209. Early Learning and Child Care 1282 with a minimum grade of C.

Pre or Co-requisites: Early Learning and Child Care 2121.

ELCC 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ENGLISH (ENGL)

For Film Studies courses, please see FILM STUDIES

ENGL 0115 – Writing and Communication Skills

(0 credits) 4 hours lecture

This is a credit free upgrading course; special fees apply.

This course provides students with opportunities to improve their English language communication skills provided they are adequately prepared to study English at a high school level. This is not an ESL course. Instruction will emphasize development of grammar, spelling, vocabulary and punctuation. Students who successfully complete this course or its equivalent are adequately prepared to take English 0130 or English 0212.

ENGL 0130 – Literature and Composition

(0 credits) 4 hours lecture

This is a credit-free upgrading course; special fees apply. Students write paragraphs and essays of various lengths based upon ideas derived from the study of literary works and from other sources.

Corresponding Alberta High School Equivalent: English 30-1.

Recommended Preparation: English 0115, English Language Arts 20-1 or English Language Arts 30-2 or equivalents.

ENGL 0212 – Introductory Composition

(3 credits – TG) 3 hours lecture

This course is designed for students whose understanding of the elements of English grammar and the mechanics of good writing needs reinforcing. Introductory Composition will provide a review of grammar and the mechanics; as well, it will focus on the structures of sentences, paragraphs and essays. Along with written assignments offering practice in composition, the course will emphasize discussion and analysis of readings. Instruction in research methods will also be provided as preparation for a research paper.

Note: Students must have passed English Language Arts 30-1, English Language Arts 30-2 or English 0115 to qualify for this course.

ENGL 1101/GNED 1401 – Critical Writing and Reading

(3 credits – TG) 4 hours lecture

This foundational composition course offered by the department of English focuses on effective writing styles for academic and wider social contexts. Students will respond to texts pertaining to a variety of disciplines and develop critical reading and thinking skills. Students will also refine their understanding and practice of the structures of writing.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher, or English 0212 with a grade of C or higher.

ENGL 1117 – Introduction to Writing Poetry

(3 credits – TG) 3 hours lecture

In this workshop-based course, students will acquire the skills, understanding and practice they need to write, edit, and discuss their own original poetry. The course will result in the completion of an original portfolio which can be used to apply for entry to upper-level courses.

Prerequisite: English Language Arts 30-1 or equivalent.

Recommended Preparation: English 0212 or 1101.

ENGL 1118 – Introduction to Writing Fiction

(3 credits – TG) 3 hours lecture

In this workshop-based course, students will acquire the skills, understanding and practice they need to write, edit, and discuss their own original fiction. The course will result in the completion of an original portfolio which can be used to apply for entry to upper-level courses.

Prerequisite: English Language Arts 30-1 or equivalent.

Recommended Preparation: English 0212 or 1101.



ENGL 1131 – Introduction to Fiction

(3 credits – TG) 3 hours lecture

In this course selected novels and short stories are studied, with instruction in the writing of critical essays.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher.

**ENGL 1135 – Introduction to Poetry**

(3 credits – TG) 3 hours lecture

A study of selected poetry written in English, with instruction in the writing of critical essays.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher.

**ENGL 1137 – Introduction to Dramatic Literature**

(3 credits – TG) 3 hours lecture

A study of six to eight plays, with instruction in the writing of critical essays.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher.

**ENGL 1151 – Introduction to Literature: Studies in Story**

(3 credits) 3 hours lecture

This course introduces the principles and practices of literary analysis by examining the narrative features of selected works of prose, poetry, or drama. Students will apply close reading techniques to a range of narratives in order to develop foundational skills in writing and thinking about literature critically.

Prerequisites: ELA 30-1 or equivalent with a grade of 60% or higher.

**ENGL 1152 – Introduction to Literature: Studies in Identity**

(3 credits) 3 hours lecture

This course introduces the principles and practices of literary analysis by examining features of first-person identity in selected works of prose, poetry, and drama. Students will apply close reading techniques to the imaginatively-constructed “I” in order to develop foundational skills in writing and thinking about literature critically.

Prerequisites: ELA 30-1 or equivalent with a grade of 60% or higher.

**ENGL 2141 – Literature for Young Children (formerly ENGL 1141)**

(3 credits – TG) 3 hours lecture

This course offers a critical study of literature for young children (ages two-eight). By providing a survey of the various genres of children's literature, this course introduces students to the range of work available for preschool and primary school children. Students will also be given opportunities to develop their skills for oral presentation and written composition.

Prerequisite: English 1101/General Education 1401 or 1402 or 1403 or 1404.



Note: Students can only use one of 2141 and 1141 or 1241 or 2241 to satisfy graduation requirements for a Bachelor of Arts (English) degree.

ENGL 2202 – Theory in English Studies

(3 credits – TG) 3 hours lecture

Why do English students study concepts like “representation,” “the subject,” and “the other,” all of which originate in European philosophy? This course explores the question by analyzing the historical influx of Theory into English Studies, and the resulting experiments and controversies.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152 with a grade of C- or higher.

**ENGL 2205 – Literary Research and Methods**

(3 credits – TG) 3 hours lecture

This course focuses on effective literary scholarship and criticism, channeling research and writing skills developed in junior English courses into coherent focus. The course highlights key elements in the discipline of English, including (but not restricted to) in-depth research skills, understanding the contexts for literary criticism, and various analytical methods.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

**ENGL 2207 – Intermediate Writing**

(3 credits – TG) 4 hours lecture

A course in which students study rhetorical theory and apply it to the examination of their own writing and that of selected texts.

Prerequisite: English 1101/General Education 1401 or 1402 or 1403 or 1404.



Note: Credit will be allowed for only one of Applied Communications 2263, English 2207 or Freelance Writing 1301.

ENGL 2210 – English Literature to the Restoration

(3 credits – TG) 3 hours lecture

This course surveys English literature from its earliest beginnings to the Restoration (1660), with an emphasis on major authors. Students will read a variety of genres closely and critically, and will examine how these texts relate to their socio-political, religious and cultural environments. Students will be introduced to literary research.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152 with a grade of C- or higher.

**ENGL 2211 – English Literature from the Restoration to the Present**

(3 credits – TG) 3 hours lecture

This course surveys English literature from the Restoration (1660) to the present. Students will read a variety of texts closely and critically within various cultural contexts. Students will be introduced to literary research.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152 with a grade of C- or higher.

**ENGL 2216 – Women's Literary Tradition**

(3 credits – TG) 3 hours lecture

As we examine a variety of literary texts – past and present – we will explore a women's literary tradition which until recently, has been overshadowed by the ‘master’ pieces of a male literary tradition. Readings from both literary and critical works will assist us, as we examine the question of “tradition” itself and women's place within and outside that tradition. At the same time, we will ask some difficult and challenging questions about gender, the self, and society.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.



Note: English 2216/2219 = U of C ENGL 318.

ENGL 2228 – Intermediate Special Topics

(3 credits – TG) 3 hours lecture

This course provides an examination of selected literary topics. The offerings vary depending on student and faculty interests. As this is a variable content course, the specific topic will be announced and advertised each time the course is offered. Students may not receive credit for this course more than once.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

ENGL 2248 – American Literature from 1865 to 1945

(3 credits – TG) 3 hours lecture

This course surveys American literary developments of the later nineteenth and early twentieth century, including the Harlem Renaissance and the rise of modernism. A culturally diverse selection of authors will be studied both in and outside the realist and naturalist traditions.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

ENGL 2249 – American Literature from 1945 to the Present

(3 credits – TG) 3 hours lecture

This course surveys American literature from World War II to the present, with emphasis on the prose and poetry of a culturally diverse array of writers, the advent of postmodernism, and 'America' as a geographical and cultural category.

Prerequisite: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

ENGL 2263 – Technical Writing

(3 credits – TG) 3 hours lecture

This course focuses on the principles and techniques of technical writing. Through analysis of selected technical prose and directed writing practice, students will develop competence in the presentation of technical information for a variety of audiences.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 75% or higher, or one of Engineering 1271, English 0212, English 1101/General Education 1401, 1402, 1403, or 1404.

Note: Credit will be allowed for only one of Applied Communications 2061, English 2263 and Freelance Writing 1311.

ENGL 2264 – Intermediate Creative Writing, Poetry 1: Contemporary Practice

(3 credits – TG) 4 hours lecture

This course blends creative writing with writerly readings and analysis of published contemporary poetry. Students will be encouraged to explore a range of styles, as well as experiment, play with, write and re-write their own work in light of critiques by fellow students, the instructor and the implicit examples found in literature.

Prerequisite: English 1117 with a grade of B or better or consent of department.

ENGL 2265 – Intermediate Creative Writing, Poetry 2: Poetic Precedents

(3 credits – TG) 4 hours lecture

Building on English 2264, this course blends creative writing with writerly readings and analysis of a selection of poetic precedents chosen for their historical or literary value. Student will be encouraged to explore a range of styles, as well as experiment, play with, write and re-write their own work in light of critiques by fellow students, the instructor and implicit examples found in literature.

Prerequisite: English 1117 with a grade of B or better or consent of department.

ENGL 2266 – Intermediate Creative Writing, Fiction 1: Contemporary Practice

(3 credits – TG) 4 hours lecture

This course blends creative writing with writerly readings and analysis of contemporary prose fiction. Students will be encouraged to explore a range of styles, as well as experiment, play with, write and re-write their own work in light of critiques by fellow students, the instructor and the implicit examples of literature.

Prerequisite: English 1118 with a grade of B or better or consent of department.



ENGL 2267 – Intermediate Creative Writing, Fiction 2: Precedents

(3 credits – TG) 4 hours lecture

Building on English 2266, this course blends creative writing with writerly readings and analysis of a selection of precedents in fiction chosen for their historical or literary value. Students will be encouraged to explore a range of styles, as well as experiment, play with, write and re-write their own work in light of critiques by fellow students, the instructor and the implicit examples of literature.

Prerequisite: English 1118 with a grade of B or better or consent of department.



ENGL 2270 – Canadian Literature to 1914

(3 credits – TG) 3 hours lecture

This course surveys Canadian literature in English from its beginnings to the early twentieth century, and explores topics such as the development of a colonial literature; the literary articulation of Canadian subjects and themes; the adaptation of literary forms to Canadian experience; and the role of the literary institution in the development of Canadian nationalism. Students will examine the literature of exploration, travel and settlement; narrative, dramatic, and lyric poetry; and prose fiction.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

Note: English 2270/2271 = U of C ENGL 370.

ENGL 2271 – Canadian Literature from 1914 to the Present

(3 credits – TG) 3 hours lecture

This course focuses on the development of modernism and postmodernism in twentieth century Canadian writing.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

Note: English 2270/2271 = U of C ENGL 370.



ENGL 2273 – Reading the Popular

(3 credits – TG) 3 hours lecture

This course examines the historical development of popular literary forms, including but not limited to persistent characters, themes, and narrative structures. These forms will be studied especially in genre fiction constructed for a trans-Atlantic mass readership in the twentieth century such as mystery, romance, horror, etc and in related non-print media as well.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.



ENGL 2291 – Postcolonial Literature I

(3 credits – TG) 3 hours lecture

This course aims to introduce students to postcolonial issues through a variety of literary, filmic and theoretical texts from a variety of regions.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

Note: English 2291/2292 = U of C ENGL 392.



ENGL 2292 – Postcolonial Literature II

(3 credits – TG) 3 hours lecture

This course furthers the exploration of postcolonial issues through a variety of literary, filmic and theoretical texts from a variety of regions.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and one of English 1131, 1135, 1137, 1141, 1151 or 1152. English 2291, Postcolonial Literature I, is NOT a prerequisite for English 2292.

Note: This course will not duplicate texts assigned in Postcolonial Literature I. English 2291/2292 = U of C ENGL 392.



ENGL 2293 – Science Fiction

(3 credits – TG) 3 hours lecture

This course examines representative works of science fiction with attention to the tradition, its leading themes and modern developments.

Prerequisite: English 1101/General Education 1401 or 1402 or 1403 or 1404.

**ENGL 2294 – Comics as Literature**

(3 credits) 3 hours lecture

This course examines the comic book as modern folktale, told in words and pictures, and as mass market literature, shaped by contemporary events, audience response, and the economics of its production. It will also look at the comic in terms of its relationships with television, film, and the graphic novel.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and one of English 1131, 1135, 1137, 1151, or 1152.

ENGL 2295 – Fantasy

(3 credits – TG) 3 hours lecture

This course examines the historical roots, literary applications and theoretical context of fantastic elements in fiction. Texts may include representative examples of dream vision, allegory, romance, surrealism, and magic realism, with a particular emphasis on modern fantasy fiction.

Prerequisite: English 1101/General Education 1401 or 1402 or 1403 or 1404.

**ENGL 2298 – Children's Literature to 1900**

(3 credits – TG) 3 hours lecture

Offering opportunities for advanced critical study, this course chronicles the history of children's literature from its origins in folklore to the achievements of the Golden Age at the end of the nineteenth century. Through an examination of texts within their cultural context, this course explores various attitudes toward childhood that inform works written in times past. Written assignments will provide students with opportunities to develop their awareness of the critical issues and theoretical perspectives that dominate the field.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

**ENGL 2299 – Children's Literature from 1900 to the Present**

(3 credits – TG) 3 hours lecture

A continuation of ENGL 2298, this advanced course surveys the development of children's literature from the beginning of the twentieth century to the present day. Focusing on classic and contemporary texts that ask readers to think about who they are and what kind of world they inhabit, this course explores the literary, social and educational values that inform works written for children and adolescents. Written assignments will provide students with opportunities to develop their critical and theoretical understanding of the field.

Prerequisites: English 1101/General Education 1401 or 1402 or 1403 or 1404 and English 1131, 1135, 1137, 1141, 1151 or 1152.

**ENGL 2301 – Crime and Conspiracy Fiction**

(3 credits – TG) 3 hours lecture

Using detective stories and modern police procedurals, spy novels and psychological thrillers, this course examines the history and theory of crime and conspiracy fiction. In the process, it offers a critical study of the literary and cultural phenomena affecting those genres that deal in codes and clues, mystery and secrecy, suspicion and paranoia.

Prerequisite: One of English 1101/General Education 1401, 1402 or 1403 or 1404.

**ENGL 3246 – Early American Literature**

(3 credits – TG) 3 hours lecture

Using letters, accounts, speeches, journal entries, poems, and other narratives, the course surveys early American literature from 1492 to 1820, focusing on such themes as "discovery" and contact; emerging federalism; indigenous communities; racism and the North-South divide; gender; work; individuality and self-reliance; crime and violence; landscape, environment, and identity.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

ENGL 3256 – Canadian Drama

(3 credits – TG) 3 hours lecture

This course examines Canadian drama from Confederation to the present, focusing on theatrical innovation, language and style. Canadian theatre history and the nature of Canadian drama are examined in the light of both nationalism and regionalism and their relation to dominant themes, stylistic trends, and sensibilities within Canadian literature.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

**ENGL 3304 – Composition Theory**

(3 credits – TG) 3 hours lecture

This course surveys theoretical models of composition and composition instruction. Beginning with an exploration of the nature of composition and writing, this course will examine such topics as classical and contemporary compositional theory, feminist and political pedagogies, expressive and rhetorical approaches to writing and its instruction.

Prerequisite: One of English 2202, 2203, 2207, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

**ENGL 3305 – Script Writing**

(3 credits – TG) 3 hours lecture

This course explores the theory and practice of writing for stage, screen, and live performance. Workshop exercises will focus on developing dramaturgical skills needed for writing dialogue, plotting action, using generic conventions, and developing characters. Students will have the opportunity to create their own plays, screenplays, or performance pieces.

Prerequisite: One of Film 2246 or 3345, or English 2256, 2257, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

**ENGL 3306 – History of the English Language**

(3 credits – TG) 3 hours lecture

This course covers the development of English from Anglo-Saxon (or Old English) to Early Modern English in the seventeenth century. It includes a basic component of linguistics and an examination of manuscript culture and textual transmission.

Prerequisites: English 2210 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

ENGL 3308 – The Novel from 1900 to Now

(3 credits – TG) 3 hours lecture

Using critical theory to interrogate contemporary practice, this course examines the development of prose fiction from the beginning of the twentieth century to the present day. In particular, it considers how the novel, as both a literary and cultural form, mediates the aesthetic, intellectual, social, and political concerns of the twentieth and twenty-first centuries.

Prerequisite: One 2000-level English course.



Note: Credit will be allowed for only one of English 2259 and English 3308.

ENGL 3309 – Theatre and Performance from 1900 to Now

(3 credits – TG) 3 hours lecture

This course examines the extent to which “all the world’s a stage”. Theatre and performance texts and theories will be used to illuminate key issues and ideas in contemporary culture such as ritual, realism, the absurd, the society of spectacle, subjectivity, and identity.

Prerequisite: One 2000-level English course.

Note: Credit will be allowed for only one of English 2257 and English 3309.

ENGL 3310 – Critical Theory and Cultural Studies

(3 credits – TG) 3 hours lecture

How did English Studies fracture during the “theory wars”? This course historicizes the question by reading, in detail, influential and provocative thinkers of the 1960s, 1970s and 1980s. Topics might include the writings of Ahmad, Derrida, Ebert, Foucault, Haraway, hooks, Irigaray, Jameson, Kristeva, Lacan, Levinas, Said, Spivak, Zizek and others.

Prerequisite: English 2202

Note: Credit will be allowed for only one of English 2203 and English 3310.

ENGL 3311 – Poetry and Poetics from 1900 to Now

(3 credits – TG) 3 hours lecture

From the Great War to 9/11, the critical events of the past century and the continuing challenges of the 21st century have compelled poets to debate, reinvent, and sometimes reject traditional poetic forms and conventions. An overview of forms, conventions, and historic poetic practice will provide the basis for looking at more recent modern and post-modern approaches.

Prerequisite: One 2000-level English course.

ENGL 3312 – Shakespeare: The Earlier Plays

(3 credits – TG) 3 hours lecture

This course examines selected plays written by Shakespeare during the first half of his career (ca 1590-1599), with a focus on both language and theatrical conventions. Students will consider critical problems related to sources, dating, performance, reading, audience, censorship, publication, editing, reception and contemporary adaptation.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

Note: English 3312/3313 = U of C ENGL 312.

ENGL 3313 – Shakespeare: The Later Plays

(3 credits – TG) 3 hours lecture

This course examines selected plays written by Shakespeare during the second half of his career (ca 1600-1613), with a focus on his evolution as a dramatist, culminating in the later tragedies and romances. Students will consider critical problems related to sources, dating, performance, reading, audience, censorship, publication, editing, reception and contemporary adaptation.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

Note: English 3312/3313 = U of C ENGL 312.



ENGL 3323 – Early Medieval Literature

(3 credits – TG) 3 hours lecture

This course is a study of representative texts from the early medieval literary age, offering a range of popular genres from the Old and Middle English periods. Texts will be read in the original language, and instruction in the grammar, orthography and pronunciation of early medieval English will be provided.

Prerequisites: English 2210 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3324 – Literature in the Age of Chaucer

(3 credits – TG) 3 hours lecture

This course examines a selection of representative texts produced during the Age of Chaucer (mid-fourteenth century to c 1500), offering a variety of literary genres and diverse contexts. The texts will be read in the original language, with instruction in the grammar, orthography and pronunciation of Middle English provided.

Prerequisites: English 2210 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3327 – Studies in Women’s Literature

(3 credits – TG) 3 hours lecture

Varying in topic from semester to semester, this course examines the ways in which women authors transform their experiences of the world into a public expression of female culture. Women’s writing may be studied from a variety of perspectives, themes, historical moments, or genres.

Prerequisites: English 2202 or English 2216 or one 2000-level Women’s Studies course.

Recommended Preparation: Three 2000-level English courses.

Note: Credit will be allowed for only one of English 2219 and English 3327.

ENGL 3330 – Restoration and Early Eighteenth Century Literature

(3 credits – TG) 3 hours lecture

Examining the first half of the Long Eighteenth Century, this course involves a study of the works of such writers as Pepys, Cavendish, Dryden, Montagu, Swift, Pope, Addison, Steele, Gay, Thomson, Gray, and the social and literary backgrounds that forged a new and lively literature of the Enlightenment.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3331 – Later Eighteenth Century Literature

(3 credits – TG) 3 hours lecture

This course examines the literature from around 1750 to the end of the Long Eighteenth Century. Writers studied may include Boswell, Johnson, Cowper, Radcliffe, Edgeworth, Crabbe, Burney and Burns.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3340 – Early Romantic Literature

(3 credits – TG) 3 hours lecture

This course examines British literature in the context of the various political and socio-economic changes from 1760 to 1815 and will familiarize students with key aspects of British Romanticism. Writers may include, among others, Wollstonecraft, Blake, Dorothy and William Wordsworth, Coleridge, and Austen.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3341 – Later Romantic Literature

(3 credits – TG) 3 hours lecture

This course examines British Romantic writers from 1815 to mid-century. Among others, writers studied may include Byron, Mary Shelley, Percy Shelley, Hemans, and Keats.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3342 – Early Seventeenth-Century Literature

(3 credits – TG) 3 hours lecture

This course studies literature in the historical and social contexts of the late Elizabethan and early Stuart periods. Readings may include texts by Donne, Herbert, Jonson, Lanyer, Wroth, and Herrick.

Prerequisites: English 2210 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3343 – Later Seventeenth-Century Literature

(3 credits – TG) 3 hours lecture

This course studies literature in the historical and social contexts of the Stuart period until the Restoration. Readings may include texts by Vaughan, Crashaw, Bradstreet, Philips, Marvell, and Milton.

Prerequisites: English 2210 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3344 – Victorian Realism and Social Reform

(3 credits – TG) 3 hours lecture

This advanced course examines British literature of the Victorian period (approximately 1830-1900) within a context of social critique exemplified primarily in narrative (fiction and poetry), but also nonfiction prose and drama. Writers studied include, among others, Carlyle, Tennyson, Mill, Dickens, Barrett-Browning, Eliot, and Hardy.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3345 – Victorian Literary Aesthetics

(3 credits – TG) 3 hours lecture

This advanced course addresses the Victorian fascination with aesthetics by surveying various nineteenth-century movements and genres. Focusing on such groups as the Pre-Raphaelites, the Aesthetes, and the Symbolists, this course will examine Victorian (self-) invention, particularly in the realms of dramatic, lyric, and pictorial form, as a means to explore the role of art in society.

Prerequisites: English 2210 or 2211 and one of English 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.

ENGL 3350 – The American Renaissance

(3 credits – TG) 3 hours lecture

This course introduces students to some of the representative texts, contexts, and critical debates in American literature from about 1820 to 1865, a period of extraordinary literary productivity and innovation as well as tumultuous social, political, and economic transformation culminating in the Civil War.

Prerequisites: One of English 2210, 2211, 2248 or 2249, and one of English 2202, 2207, 2263, 2264, 2265, 2266, or 2267.

ENGL 3353 – North American Indigenous Literatures

(3 credits – TG) 3 hours lecture

This course will critically engage the literary works of First Nations / Aboriginals through various genres and will be framed by social, cultural, historical and political contexts. The focus will vary and may include: Indigenous knowledge, Nation/identity formation, the numbered Treaties, the role of women, humour, orality and language, stereotyping and racism.

Prerequisites: One of English 2210 or 2211, and one of English 2202, 2207, 2263, 2264, 2265, 2266, or 2267.

ENGL 3362 – Advanced Creative Writing: Poetry

(3 credits) 3 hours lecture

Designed to establish a sustained approach to creative writing, this advanced course will allow students both to workshop their original poems and to analyze works chosen for their literary, theoretical, and historical value.

Prerequisite: Admission to the course is by consent of the department based on a sample of the student's original creative writing, including 6-10 poems. Writing samples will be accepted up until one week before the first day of classes for the semester in which the course will be taught, or until the course is full, whichever comes first.

ENGL 3368 – Advanced Creative Writing: Fiction

(3 credits – TG) 3 hours lecture

This advanced course blends creative writing with writerly readings and analysis of fiction chosen for literary, theoretical and historical value. In this workshop-based course, students will re-write their work in light of critiques by fellow students, the professor, and implicit examples of literature. The focus is to push students toward becoming independent writers of fiction.

Prerequisite: Admission to the course is by consent of the department based on a writing sample (no more than 20 typed, double spaced pages of prose) of the student's original creative writing. These samples will be submitted to the English Department the semester before the course is to begin.

ENGL 3372 – Western Canadian Literature

(3 credits – TG) 3 hours lecture

Through representative texts, students will examine how writers' conceptions of the West alter over time, what constitutes a definition of "West," and how Indigenous and non-European authors create alternatives to Eurocentric narratives of western expansionism and frontiers. Students will also study how conceptions of region and landscape affect identity.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, or 2267.

Recommended Preparation: Three 2000-level English courses.

ENGL 3382 – Textualities/Sexualities

(3 credits – TG) 3 hours lecture

This course examines both the body of the text and the text of the body. While reading the body as it is represented in writing, we will investigate such concepts as representation (including what has been erased or silenced), the gendered text, the imaginary and the limits of textualized sexualities.

Prerequisite: One of: English 2202, 2203, 2216, 2219, or Film Studies 3345 or consent of the department.

Recommended Preparation: English 2210 and 2211.

ENGL 3390 – African Writing in English

(3 credits) 3 hours lecture

This course will consist of a carefully nuanced, historically and culturally specific study of the theories and literatures emerging from one of the regions of the African continent whose traditions were broken by the experience of colonialism.

Prerequisite: One of English 2202, 2291 or 2292.

Recommended Preparation: Three 2000-level English courses.



ENGL 3394 – The Graphic Novel

(3 credits – TG) 3 hours lecture

The graphic novel has recently emerged as a unique storytelling medium. This course focuses on both the theoretical bases of sequential art and the graphic novel's literary and aesthetic properties. Students will draw on a variety of modern and postmodern theories of texts to analyze specific graphic novels.

Prerequisites: English 2210 or 2211 and one of 2202, 2203, 2207, 2263, 2264, 2265, 2266, 2267 or Film Studies 3345.

Recommended Preparation: Three 2000-level English courses.



ENGL 3397 – Studies in Children's Literature

(3 credits – TG) 3 hours lecture

This variable-content course offers the opportunity for specialized study within the field of literature for children and adolescents. Critical, historical, and theoretical questions related to the child or childhood will be central to such study. Topics may include (among others) young adult fiction, the picture book and multiculturalism, Canadian children's literature, or contemporary nursery rhymes.

Prerequisites: One of English 2141, 2210, 2211, 2298, or 2299.



ENGL 4401 – Select Topics in Themes, Forms, and Genres

(3 credits – TG) 3 hours lecture

This advanced seminar explores the historical or cultural significance of a specific literary theme, form, or genre. Variable in focus, the course may concentrate on topics related, for example, to concepts of diaspora or beauty or disease; developments in satire or comedy or realism; approaches to the short story or sonnet or long poem.

Prerequisites: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

ENGL 4410 – Select Topics in Medieval Literature, 650-1500

(3 credits – TG) 3 hours lecture

This advanced seminar engages students in a selection of poetic, prose, and dramatic works from the medieval period. Featured works may include Beowulf, the works of Chaucer, literature by and about women, Romances in poetry or prose, religious ecstasies, Arthurian legends, and Middle English lyrics.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

Recommended Preparation: English 3323 or 3324.

ENGL 4420 – Select Topics in Early Modern Literature, 1450- 1700

(3 credits – TG) 3 hours lecture

This advanced seminar engages students in a study of literature from the Early Modern Period, a survey that may include transitional texts between the Middle Ages and the Renaissance, a tracing of Romance from Roland to Quixote, Shakespearean and non-Shakespearean theatre, Milton's prose, 17th-century poetry, and women's writing.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

Recommended Preparation: English 3342 or 3343.

ENGL 4440 – Select Topics in Literature of the Long Nineteenth Century, 1790-1917

(3 credits – TG) 3 hours lecture

This advanced seminar focuses on ideas, issues, or individuals important to the poetry, prose, and drama of the Romantic, Victorian, and Golden Ages. Varying from semester to semester, select topics may include (among others) Pre-Raphaelite poetry and painting, performance in nineteenth-century culture, and the literature of the New Woman.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

Recommended Preparation: One of English 3340, 3341, 3344, or 3345.

ENGL 4443 – Select Topics in Literature of the Long Eighteenth Century, 1660-1832

(3 credits – TG) 3 hours lecture

This advanced seminar features a selection of works from the long eighteenth century. Texts may include those by the early novelists Bunyan, Defoe, Richardson, Fielding, or Sterne, feminist writers from Aphra Behn to Jane Austen, Restoration comedy through Romantic drama, or the satiric verse tradition leading to Romantic poetry.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

Recommended Preparation: One of English 3330, 3331, 3340, 3341.

ENGL 4446 – Select Topics in Literature of the Long Twentieth Century, 1865-Present

(3 credits – TG) 3 hours lecture

This advanced seminar studies a selection of literary and other forms of cultural text produced between 1865 and the present. A national literature such as Canadian, American, or British may furnish the texts or a postcolonial approach may offer a study of African, Caribbean, Irish, or subcontinental Indian literature written in English.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

ENGL 4701 – Select Topics in Global Literature

(3 credits) 3 hours lecture

This advanced seminar exposes students to creative and critical writing in Asia, Africa, Australia, the Caribbean, Europe, South America or New Zealand/Aotearoa. Varying from semester to semester, individual topics may concentrate, for example, on the literature of the Holocaust, contemporary writing in India, or postcolonial theory.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394, or 3397.

Recommended Preparation: One of English 2291, 2292, 3353, or 3390.

ENGL 4702 – Select Topics in North American Literature

(3 credits) 3 hours lecture

This advanced seminar examines how Canadian and/or American literature is constitutive of North American identities and experiences. Varying from semester to semester, individual topics may focus on a theme, form, genre, author, or movement important within Canadian and/or American literature.

Prerequisite: One of English 3246, 3256, 3304, 3305, 3306, 3308, 3309, 3310, 3311, 3312, 3313, 3323, 3324, 3327, 3330, 3331, 3340, 3341, 3342, 3343, 3344, 3345, 3350, 3353, 3368, 3372, 3382, 3390, 3394 or 3397.

Recommended Preparation: One of English 3246, 3256, 3350, 3353, or 3372.

ENGL 4801 – Select Topics in Writing**(3 credits) 3 hours lecture**

This advanced writing seminar integrates theory and practice while encouraging students to develop as imaginative, academic, and/or professional writers. Varying from semester to semester, individual topics for the course may focus on a genre, theme, or approach significant within the realm of creative or critical writing.

Prerequisite: Admission to the course is by consent of the department based on a sample of the student's original creative writing (no more than 20 typed, double-spaced pages). Writing samples will be accepted up until one week before the first day of classes for the semester in which the course will be taught, or until the course is full, whichever comes first.

Recommended Preparation: One writing course at the 3000 level, preferably in the genre specific to the seminar being offered.

ENGL 5110 – Honours Seminar**(3 credits) 3 hours lecture**

This project-driven seminar involves advanced studies in literature and language. Given various practical opportunities for research, including an independent honours project, students will assess their scholastic experiences to generate analysis of English studies as a field of inquiry. They will also apply this understanding of English studies to specific texts and disciplinary debates.

Pre or Co-requisite: One of English 4401, 4410, 4420, 4440, 4443, or 4446.

Note: This course is restricted to students who have completed 30 courses toward the B.A. and who are officially accepted and registered in the English Honours Program. This course is offered only in the Fall semester.

ENGL 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ENGINEERING (ENGR)**ENGR 1205 – Statics****(3 credits – TG) 3 hours lecture, 1.5 hours tutorial**

This course introduces the basic principles of Vector Mechanics as applied to Statics. The course content emphasizes the concept of equilibrium (2D and 3D) in application to particles, rigid bodies and simple structures, as well as equivalent systems, distributed forces and friction. Evaluation of knowledge and problem solving skills takes place through written assignments, quizzes, midterms and an exam.

Prerequisites: 65% in Physics 30 or equivalent, and 65% in Pure Math 30 or equivalent.

ENGR 1215 – Electricity and Magnetism**(3 credits – TG) 3 hours lecture, 1 hour tutorial, 2 hours lab**

This course provides students with an introduction to electrostatics; electric charges and fields; potential and capacitance; magnetic fields; energy considerations; electromotive force, inductance; time-varying electric and magnetic fields. Elements of atomic structure; electric current flow; Ohm's law. Kirchoff's laws and the electromagnetic properties of materials are also studied. A vector approach will be employed throughout.

Prerequisites: Engineering 1205 and Mathematics 1217 or equivalents with grades of C- or higher.

ENGR 1233 – Computing for Engineers I with C++**(3 credits – TG) 3 hours lecture, 2 hours tutorial**

Topics covered in this course include an overview of computer systems, software, operating systems, editors, and compilers. C++ programming topics include selection and loop structures, functions, structural decomposition, array and aggregate data types, reading from and writing to files, testing strategy, and documentation. In terms of an introduction to object-based programming, topics include the use of class libraries and construction of simple classes.

Prerequisites: 65% or higher in Physics 30, Pure Math 30 and Math 31 (or equivalents).

ENGR 1234 – Computing for Engineers I with Matlab**(3 credits – TG) 3 hours lecture, 2 hours tutorial**

This course covers the fundamentals of computer programming with an emphasis on solving engineering problems using Matlab Syntax, variables, statements, control structures, functions, data structures/array operations, files/data management, 2D/3D plotting, searching, sorting, recursion and symbolic math will be addressed. Evaluation will take place through assignments, midterms and a final exam.

Prerequisites: 65% or higher in Physics 30, Pure Math 30 and Math 31 (or equivalents).

ENGR 1261 – Orientation to the Engineering Profession I**(1 credit – TG) 1 hour lecture**

This course is an introduction to the engineering profession. The University Transfer Program will be discussed, along with cooperative/internship education, engineering ethics, public safety, professionalism, and sustainable development. Various disciplines and career paths will be illustrated through guest speakers and A/V media.

ENGR 1263 – Orientation to the Engineering Profession II**(1 credit – TG) 1 hour lecture**

This course is a continuation of ENGR 1261 and is qualitatively similar to ENGR 1261 in terms of the course content, how the content is presented and how it is evaluated (pass/fail).

ENGR 1271 – Engineering Design and Communication I**(3 credits – TG) 3 hours lecture, 2 x 1.5 hour tutorials**

This course introduces the principles of engineering design, visual communications (technical drawing/sketching/), written communications (technical writing) and leadership/project management. Students achieve basic competency in these areas through theoretical and applied assignments, term projects and team-based activities. Students learn about and work with the engineering design process, various technical writing styles/documents and various forms of graphical presentation such as multi-view orthographics.

ENGR 1273 – Engineering Design and Communication II**(2 credits) 1.5 hours tutorial, 3 hours lab**

This course is a continuation of Engineering 1271. Students will improve on their basic competency in engineering design, visual and written communication primarily through hands-on, team-based, open-ended design projects. In this course, one large project will be undertaken in order to develop the design and communication skills that the students will require for success as engineers.

Prerequisite: Engineering 1271 with a grade of C- or higher.

Pre or Co-requisite: Engineering 1263.

ENGR 1303 – Electric Circuits and Machines**(3 credits) 3 hours lecture, 1 hour tutorial, 3 hours lab**

This course introduces theories and applications of current, voltage and power, Kirchoff's current and voltage laws, capacitors, electricity and magnetism fundamentals as applied to circuits and machines, inductors, circuits and systems, instrumentation, circuit design, DC and AC circuit analysis, DC and AC machines, and first order circuits and transient analysis.

Prerequisites: Mathematics 1217 or equivalent, with a C- or higher.

ENGR 3319 – Statistics for Engineering**(3 credits – TG) 3 hours lecture, 1 hour tutorial**

This course involves: the presentation and description of data; introduction to probability theory; Bayes Theorem; discrete and continuous probability distributions; estimation; sampling distributions; tests of hypotheses on means; variances and proportions and simple linear regression and correlation. Applications are chosen from engineering practice.

Prerequisite: Mathematics 1219 with a C- or higher.

ENGR 3349 – Dynamics**(3 credits – TG) 3 hours lecture, 1 hour tutorial, 1 hour lab**

This course introduces the basic principles of Vector Mechanics as applied to Dynamics. The course content emphasizes kinematics and kinetics of particles and rigid bodies, rectilinear and curvilinear translation, general plane motion, rotation, relative motion, force, mass, acceleration, friction, impulse, momentum and conservation of linear and angular momenta. Evaluation of knowledge and problem solving skills takes place through written assignments, quizzes, midterms and an exam.

Prerequisites: Mathematics 1217 or equivalent, and Engineering 1205 or equivalent, both with a C- or higher.

ENGR 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ENTREPRENEURSHIP (ENTR)**ENTR 1232 – Entrepreneurship Studies****(3 credits – TG) 3 hours lecture**

This course introduces students from non-business programs to the key elements of starting up and operating a small business. Students will gain applied skills by preparing a business plan for a new enterprise. This business plan will enable students to market their own professional skills to prospective customers. Lectures will expose students to the entrepreneurial environment, marketing principles, legal issues, funding sources for a small business, and personnel issues.

ENTR 2010 – Directed Field Studies I**(15 credits)**

The work term provides students with an opportunity to apply entrepreneurial theory in a small business environment. Students in the Small Business Stream are required to either start a new business or work in their family business(es). Students in the International Stream are required to obtain a placement with a company that provides them with significant exposure to international business or start a new venture. Students starting a new venture may use the business plan created in Entrepreneurship 3333 as a basis for their Directed Field Study. Students, through journals, reports, discussions and faculty mentoring, will become skillful at both personal and situational analysis. The Directed Field Study is designed to allow individual work-experience and will require students to demonstrate proficiency in multi-disciplined business applications. Students will be required to submit a Directed Field Study submission report for Directed Field Study coordinator approval prior to embarking on the work-term.

Prerequisites: Entrepreneurship 3333 and Computer Science 1207.

ENTR 2015 – Directed Field Studies I for Sport and Recreation**(15 credits)**

This work-term provides students with the opportunity to apply business, entrepreneurship, sport and recreation theory in a private, public or not-for-profit environment. The work-term is designed to allow students to demonstrate proficiency at an introductory level in the field. Students will be required to submit a work-term submission report for work-term advisor approval prior to embarking on the first work-term.

Prerequisites: Marketing 2150, Entrepreneurship 2301, Physical Education 1203 and 1216 and Recreation Studies 1203 and 1247 or with department consent.

ENTR 2201 – Introduction to Entrepreneurship**(3 credits – TG) 3 hours lecture**

This course develops an awareness of the state of entrepreneurship in Canada. Students are introduced to elements of successful entrepreneurship, opportunity identification and assessment, economic development potential of small business in Canada, alternative forms of work arrangements in the new economy balancing an entrepreneurial lifestyle, determining what success means to each student, goal setting and visioning.

Note: Only one of ENTR 2201, 2301 or 3301 can be used to satisfy program requirements.

ENTR 2237 – Human Resources for Small Business**(3 credits – TG) 3 hours lecture**

This course will introduce students to the various elements of Human Resources management. In addition to the functional areas within HR, students will focus on the legal, ethical, and strategic HR management issues. Contemporary HR issues will also be discussed.

Note: Only one of Entrepreneurship 2237 or Human Resources 2170 can be used to satisfy program requirements.

ENTR 2301 – Innovation and the Entrepreneurial Experience**(3 credits) 3 hours lecture**

This experiential course develops an understanding of innovation and builds awareness of the practical experiences of entrepreneurs. Students participate in experiential activities and competitions, and learn using a practical framework that integrates current research, practice and lessons learned from people who have started impactful businesses with limited resources.

Note: Only one of ENTR 2201, 2301 or 3301 can be used to satisfy program requirements.

ENTR 3010 – Directed Field Studies II**(15 credits)**

This work-term provides a business laboratory in which the student will apply the entrepreneurial theories studied during the year and build upon the skills attained in Entrepreneurship 2010. It is expected that students will achieve higher-level competencies in the functional areas of business. Students who did not start a new venture in Entrepreneurship 2010 must launch a new venture during this work-term. Students who did start a new venture in Entrepreneurship 2010 have the flexibility to undertake multiple contracts in an entrepreneurial environment. Student will be required to submit a Directed Field Studies submission report for Directed Field Studies coordinator approval prior to embarking on the second work-term.

Prerequisite: Entrepreneurship 2010.

ENTR 3015 – Directed Field Studies II for Sport and Recreation**(15 credits)**

This work-term provides students with a further opportunity to apply theory learned in the first three years of study in the Bachelor of Applied Business and Entrepreneurship – Sport and Recreation program. Students will continue to build upon their experience from ENTR 2015. It is expected that students will diversify their work experience. Students will be required to submit a work-term submission report for work-term advisor approval prior to embarking on this work-term. Goals and strategies will be reviewed by a faculty member prior to the work-term.

Prerequisite: Entrepreneurship 2015.

ENTR 3251 – Marketing Research for Small Business**(3 credits – TG) 3 hours lecture**

This course is designed to provide the entrepreneurship students with a practical guide to the marketing research process. They will learn how they can utilize marketing research to assist them in effective marketing decision making, what types of research are the most cost- and time-effective for an entrepreneur, and how to apply the principles in researching their own small business.

Prerequisites: Entrepreneurship 2201, Marketing 2150 and Management 2262.



ENTR 3302 – Creativity for Entrepreneurial Practice

(3 credits) 3 hours lecture

This course introduces the concepts of innovation and entrepreneurial creativity. Students draw upon the inspired thinking and entrepreneurial pursuits of leaders in a variety of disciplines in order to understand the process of innovation and appreciate the role of creativity in making innovation possible. Emphasizing the development of the student's own entrepreneurial creativity and ability to innovate, the experiential and reflective activities in this course encourage students to explore their potential as passionate agents of change – in their own lives and in society.



ENTR 3305 – The Art of the Pitch

(3 credits) 3 hours lecture

This course will help students develop their entrepreneurial communications skills to help them prepare for and present their business ideas to prospective investors, partners, employees and customers. It will focus on skill development in visual, verbal and vocal communications to pitch business ideas and handle questions and answers about their presentations.



ENTR 3331 – Law for Small Business

(3 credits – TG) 3 hours lecture

This course requires students to recognize and analyze legal principles and processes in contemporary business environments. The primary topics are: the legal system – courts, civil litigation, and Constitutional issues; applicable tort and contract principles and cases; real property law; business and nonprofit entities, forms, organization and liabilities; insurance and risk management; leases and employment law. Additional topics may include intellectual property; marketplace legislation; commercial law; negotiable instruments; purchase and sale of a business; and trust law.

Note: Only one of Entrepreneurship 3331 or Management 3230 can be used to satisfy program requirements.

ENTR 3333 – New Venture Feasibility

(3 credits) 3 hours lecture

This course introduces students to the key skills required to succeed as an entrepreneur. Students will gain applied skills by researching and preparing a business plan for a new enterprise. Lectures will expose students to critical new venture marketing and funding issues, and will use local case material and guest speakers to provide insight into the entrepreneurial environment.

Prerequisites: Management 2130 or Entrepreneurship 2201 or 2301, Marketing 2150, Accounting 2121.

Note: Only one of Entrepreneurship 3333 or 4433 can be used to satisfy program requirements.

ENTR 3370 – Society, Innovation and Enterprise

(3 credits) 3 hours lecture

In this course, students will be equally introduced to theories and practical understanding of private initiatives for public purpose. Current social realities have generated a paradigm shift in relation to the interface of business and society. This new paradigm sees innovation and market models as venues to address social challenges. The course explores the foundations of the social economy and relates them to the necessary entrepreneurial thinking of organizational structures and operating systems. Students will be exposed to the social context of social enterprises through service learning or other experiential activities.



ENTR 3730 – Special Topics in Innovation and Entrepreneurship

(3 credits) 3 hours lecture

This course provides an examination of selected topics in innovation and entrepreneurship. As this is a variable content course, the specific topic will be announced and advertised each time it is offered. Students may not receive credit for this course more than once.

ENTR 4331 – Idea to Opportunity

(3 credits) 3 hours lecture

In this highly experiential course, students will gain an understanding of the role of innovation and creativity in the development of new venture ideas. They will learn and practice tools for generating venture ideas that can be developed into scalable, innovative opportunities within a new business, mature organization or nonprofit setting. Opportunities will be analyzed using a range of practical tools and methodologies.

Prerequisites: Entrepreneurship 2301 or 3301 or 3302 or 3370.



ENTR 4332 – Venture Launch

(3 credits) 3 hours lecture

In this course, students will be immersed in the issues encountered by entrepreneurs while starting a new venture. They will be challenged to evaluate and build upon the opportunities they developed in ENTR 4331 and consider industry, market and product research through the lens of the start-up phase of the venture life cycle. Contingency strategies will be developed as necessary after students receive feedback on progress and viability.

Prerequisite: Entrepreneurship 4331.

ENTR 4343 – Growing the Enterprise

(3 credits) 3 hours lecture

In this course, the venture ideas that students developed in ENTR 4331 will continue to be evolved through to the early growth phase of the venture life cycle. In this course the focus will be on topics such as marketing, sales, financials, business modeling, opportunity valuation, next levels of fundraising, management team and founder as leader, and other topics related to bringing ventures to fruition. In addition, the reasons businesses typically fail will be analyzed.

Prerequisite: Entrepreneurship 4331.

ENTR 4344 – Corporate Innovation and Entrepreneurship

(3 credits) 3 hours lecture

This course is designed to develop an understanding of the scope and complexity of the issues related to fostering and developing innovation and entrepreneurial endeavors within established enterprises, including the corporation. Topics to be examined include the challenges and opportunities for both employees and senior leaders in creating and maintaining a culture that fosters both intrapreneurial endeavors and corporate entrepreneurship.

Prerequisite: Entrepreneurship 2301 or Entrepreneurship 3302

ENTR 4433 – Business Plan Development

(3 credits) 3 hours lecture

Students will be able to prepare and present a solid business plan for a new or existing enterprise. Areas covered will include identifying and assessing opportunities, developing a winning strategy, identifying resource requirements and selling the plan to financing sources.

Prerequisites: Management 2130 or 2131 or Entrepreneurship 2201 or 2301, Marketing 2150 and Accounting 3224 or Administration 1329.

Note: Only one of Entrepreneurship 3333 or 4433 can be used to satisfy program requirements.

ENTR 4434 – Small Business Practicum

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course is designed to help students acquire the ability to rationally analyze the real life issues and problems of a currently operating small business. Teams of two students will work as consultants to an existing small business. This course provides the opportunity to integrate problems and apply knowledge by identifying, examining, and creating a recommended solution within a holistic framework.

Prerequisites: Entrepreneurship 2010, Finance 4427 and Management 4431.

ENTR 4435 – Small Business Strategy

(3 credits) 3 hours lecture

Students will develop a comprehensive framework for the strategic management processes used in small business. Integrated cases will incorporate and expand upon concepts and analytical techniques introduced in previous courses. Strategic concepts will be applied through a term-long business decisions laboratory using an interactive medium.

Prerequisite: Entrepreneurship 2010.

ENTR 4461 – The Entrepreneurial Manager

(3 credits) 3 hours lecture

This course contains experiential learning aspects and it addresses the issues addressed by owners/managers who attempt to create viable organizations out of identified opportunities in order to create value. It will empower students to develop their own unique approaches, systems, skills and methodologies to deal with unstructured situations in preparation to become entrepreneurial managers.

Prerequisite: Entrepreneurship 2201 or 2301 or Management 2130.

ENTR 2299, 3399 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ENVIRONMENTAL SCIENCE (ENVS)**ENVS 1105 – Data Processing and Statistics (formerly ENVS 2205)**

(3 credits – TG) 2 hours lecture, 2 hours lab

The organization, processing, and presentation of quantitative data. Fundamental statistical ideas, descriptive statistics, inferential statistics (including Analysis of Variance, regression and correlation), statistical quality control and timeseries analysis will be covered. Laboratories will include the analysis of data using statistical software packages.

Prerequisite: Pure Mathematics 30.

ENVS 1111 – Professional Development: Health and Safety for the Environment Industry (formerly ENVS 2211)

(1 credit) 3 hours lab

This course will prepare students for work experience (Directed Field Studies) through Professional Development activities. Recent developments, trends and opportunities in the environmental industry and the field of Industrial Ecology will be covered by representatives from industry and government. The Professional Development component will prepare students to search for work experience opportunities in the environmental field. As the labour market increasingly expects that employees practice due diligence in their adherence to mandated occupational health & safety legislation and regulations, students will be introduced to the general workplace health, safety and career development issues as they relate to the Canadian environmental industry. Within this context, students must demonstrate certifiable proficiencies in H2SAIve, First Aid with CPR, Transportation of Dangerous Goods (TDG), Workplace Hazardous Materials Information System (WHMIS) and other strategies as required by industry.

ENVS 2010 – Directed Field Studies I (formerly IDEC 3000)

(15 credits)

Students will be assisted in finding a work-term placement. This normally will be in a business, industry or a research laboratory that deals with environmentally related problems. Completion of non-credit safety courses prior to the work placement will be required. Students will be mentored by a faculty member during the work-term. An oral and a written report, completed by the student, in addition to an evaluation carried out by the employer will be required following the work-term.

Prerequisites: Successful completion of Semesters 1 to 4 of the Biogeochemical Process stream or the Physical Process stream courses or equivalents or consent of the department.

ENVS 2201 – Introduction to Industrial Ecology

(3 credits) 3 hours lecture

The major ideas and tools of industrial ecology will be introduced. Industrial ecology "focuses on the potential role of industry in reducing environmental burdens throughout the product life cycle, from the extraction of raw materials, to the production of goods, to the use of those goods and to the management of the resulting wastes" (Journal of Industrial Ecology). Topics covered will include: environmental concerns, risk assessment, global budgets and cycles, industrial processes, life-cycle assessment, design for environment, pollution prevention and zero emission strategies.

ENVS 2215 – Applied Instrumentation (formerly ENVS 3315)

(3 credits) 3 hours lecture, 3 hours lab

This course is aimed at offering a fundamental understanding of field screening techniques and practices of instrumental measurements for the qualitative determination of substances. The main analysis methods dealt in this course are Atomic Absorption and Emission Spectroscopy, Infra red Spectroscopy, Ion Chromatography, High Pressure Liquid Chromatography, Gas Chromatography. Students are also introduced to the scientific way of expressing results and also error analysis. The lab component gives the students hands-on experience with the above-mentioned analytical techniques.

Prerequisite: Chemistry 1202 or Chemistry 1209.

ENVS 2221 – Water Pollution and Surface Water Analysis (formerly ENVS 3321)

(3 credits) 2 hours lecture, 3 hours lab

A study of the sources, transport, effects and fates of chemicals in surface waters. Topics include: industrial effluents, the nature and composition of surface waters, the principles of water pollution control, aquatic environmental chemistry. Emphasis will be placed upon water quality analysis: pH, acidity, alkalinity, hardness, residual chlorine, chloride, sulphate, dissolved oxygen, BOD, field sample preservation. Field trips will be arranged involving sampling procedures and field recording of data for chemical and physical water quality parameters.

Prerequisites: Chemistry 1202 and 2157 or equivalents or consent of the department.

ENVS 3010 – Directed Field Studies II (formerly IDEC 4000)

(15 credits)

Students will be assisted in finding a work-term placement. This normally will be in a business, industry or a research laboratory that deals with environmentally related problems. Students will be mentored by a faculty member during the work-term. An oral and a written report, completed by the student, in addition to an evaluation carried out by the employer will be required following the work-term.

Prerequisites: Successful completion of Semesters 1, 2, 3, 4 and 5 of the Biogeochemical Stream or Physical Processes Stream or equivalents or consent of the department.

ENVS 3303 – Life-Cycle Assessment

(3 credits) 3 hours lecture, 3 hours lab

Life-cycle assessment (LCA) compiles and analyzes comprehensive information on the overall consumption of resources and the production of wastes during the whole life-cycle of a product or service. For example, in the case of a product, this includes the extraction of the raw materials, the energy used during manufacture and the wastes produced, the energy used to transport the finished product to market, and the ultimate fate of the discarded product. The analysis indicates the potential environmental impact of the product or service, and allows comparisons to be made of alternate products or services. Case studies of a wide variety of industries and industrial processes will be discussed. Laboratories will consist of field studies and simulations using a number of different software packages and databases that are available.

Prerequisite: Environmental Science 2201.

ENVS 3307 – Air Pollution Monitoring

(3 credits) 3 hours lecture, 3 hours lab

This course will examine the methods used to monitor pollutants emitted to the atmosphere, the precision and accuracy of these methods and the audit procedures used to determine compliance, emission credits and documenting improvement to industrial processes.

Prerequisites: Chemistry 1209, 2210, Mathematics 1217 or equivalents or consent of the department.

ENVS 3323 – Watershed Management**(3 credits) 3 hours lecture, 3 hours lab**

Ensuring a safe and adequate supply of water is a global concern. This course is designed to provide an understanding of watershed practice and an approach to managing watershed systems in a sustainable fashion.

Prerequisite: Environmental Science 3321 or 3333 or consent of the department.

ENVS 3333 – Ground Water Contamination**(3 credits) 3 hours lecture, 3 hours lab**

This course will provide a basic understanding in applied hydrogeology with emphasis being on the fate and behaviour of industrial chemicals in the groundwater, the impact of industrial activities on groundwater quality, control, monitoring and remediation of contaminated groundwater systems.

Prerequisites: Chemistry 1209 and 3357 or equivalents or consent of the department.

ENVS 3335 – Issues in Environmental Assessment**(3 credits) 3 hours lecture**

This course will review and analyze provincial, national and international environmental assessment issues. Important representative case studies will be reviewed. Guest speakers will be drawn from appropriate organizations. Current methodologies in environmental impact assessment will be covered, including overviews of Risk Assessment, Cumulative Effects Assessment and Strategic Environmental Assessment. The advantages of moving towards Comprehensive Risk Assessment and Comprehensive Policy Support Assessment will be critically discussed. These integrated decision methodologies will be necessary to support industrial ecology infrastructure and be crucial to making progress towards economic and environmental efficiency at all system levels.

Prerequisites: Successful completion of Semesters 1, 2, and 3 of the Biogeochemical Stream or equivalents or consent of the department.

ENVS 4405 – Air Quality**(3 credits) 2 hours lecture, 3 hours lab**

This course will examine the composition, evolution, and future of the earth's atmosphere. It will include human impact, mitigating initiatives and will examine the predictive methods and databases currently in use to predict future scenarios. It will examine the atmosphere as part of the biogeochemical cycling of its constituents.

Prerequisites: Chemistry 1209 and 3357, Computer Science 1209 and Environmental Science 2205 and 3315 or equivalents or consent of the department.

ENVS 4407 – Pollution Prevention: Toward Zero Emissions**(3 credits) 3 hours lecture**

This course is a study of the principles of recovery, reuse and recycling ("3R's") of pollutants and contaminants. Examples will be drawn from the 176 currently listed in the National Pollutant Release Inventory (NPRI). Measures taken to reduce the release, allow tracking of transfers, and achieving reductions will be analyzed. Measures to control and reduce emission of carbon dioxide, methane, and other greenhouse gases will be discussed. The technologies and techniques as well as the voluntary and legislative measures will be compared. The petroleum industry will be analyzed in detail with an examination of wellsite and facility technologies.

Prerequisites: Successful completion of Semesters 1, 2, 3, 4, and 5 of the Biogeochemical stream and the Physical Processes stream courses or equivalents or consent of the department.

ENVS 4413 – Principles of Eco-Industrial Development**(2 credits) 2 hours lecture**

Students will be introduced to the process of initiating, planning, designing, marketing, financing and operating eco-industrial parks and eco-industrial networks. An examination of case studies on existing eco-industrial parks and the application of key concepts through the completion of a term project with a network of local companies will be involved.

Prerequisites: Successful completion of Semesters 1, 2, 3, 4, and 5 courses or equivalent or consent of the department.

ENVS 4417 – Design for the Environment**(3 credits) 2 hours lecture, 3 hours lab**

This course develops concepts and procedures to integrate and implement the vision of industrial ecology into business decisions. It will examine how leadingedge industrial ecology precepts can be implemented in the real world. The course will explore a systematic approach to support business decisions within the industrial ecology framework. Students will develop skills in incorporating environmental objectives and constraints into process and product design, materials and technology choices. Case studies will highlight DFE success stories. Project work will provide hands-on experience in the DFE field. The course will examine local, regional and global issues related to the design and redesign of industrial systems in order to make them more sustainable.

Prerequisites: Successful completion of Semesters 1, 2, 3, 4, 5, 6 and 7 of the Biogeochemical Stream courses or Physical Processes Stream courses or equivalents or consent of the department.

ENVS 4419 – Regulatory Management**(1 credit) 3 hours lab**

Students will be introduced to the processes associated with Regulatory Management through case studies of relevant local, regional, national, and international laws, regulations, and treaties governing the environment. The understanding of the origins, current status, and future impacts of these studies will provide insight into the effects of environmental initiatives on the region, the province, Canada and in the international arena.

ENVS 4421 – Environmental Resource Management**(3 credits) 3 hours lecture**

This course investigates development and use of natural resources in modern society with an emphasis on the interrelationship between industrial activities and resource consumption, and their effects on the biosphere. Topics covered include analyses of new directions in products and systems' design, and their impacts on sustainable environmental resource management. Critical international issues in environmental resource management will also be examined.

Prerequisite: Environmental Science 3335 or Geography 2445 or equivalent or departmental approval.

ENVS 4423 – Market Based Initiatives**(3 credits) 3 hours lecture**

This course will examine the initiatives being taken by local, regional, and national governments, and the United Nations to encourage organizations to improve their environmental outcomes for economic reasons. Emission trading, the evolution of environmental law and its role in regulatory management, and the elements of ISO-14000 will be reviewed.

Prerequisite: Mathematics 1200.

ENVS 4431 – Management of Residuals**(3 credits) 3 hours lecture**

This course is designed to provide the students an understanding of the principles and concepts of waste management. Topics include: environmental chemistry of hazardous wastes, principles of industrial metabolism, waste disposal, health risks, regulatory aspects of residuals management, principles of industrial metabolism, optimization of materials.

Prerequisites: Successful completion of Semester 1, 2, 3, 4 and 5 of the Biogeochemical Stream courses or equivalents or consent of the department.

ENVS 4433 – Quality Assurance/Quality Control**(3 credits) 3 hours lecture, 3 hours lab**

This course will examine the use of QA/QC procedures to the management of the quality aspects of data collection, generation and use. It will provide an overview of the legal framework within which the data collection, generation and use must operate. It will examine the relationship between QA/QC and legal concepts such as due diligence and strict liability.

Prerequisites: Computer Science 1209 and Environmental Science 2205 or equivalents or consent of the department.

ENVS 4441 – Site System Remediation Design**(3 credits) 3 hours lecture, 3 hours lab**

This course will provide an in-depth technical and practical evaluation of remediation systems for contaminated sites.

Prerequisites: Successful completion of Semesters 1, 2, 3, 4 and 5 of the Biogeochemical Stream courses or equivalents or consent of the department.

ENVS 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ECOTOURISM AND OUTDOOR LEADERSHIP (ETOL)**ETOL 2011 – Practicum I****(3 credits) 250 hours of practicum**

This is a formal work experience with an assigned organization. Participants will be required to participate in the specified hours of practicum and to complete assignments. Students will be accepted into the practicum upon completion of the course. Prerequisites and/or consent of the department chair. The course is limited to ETOL students enrolled in the Bachelor of Applied Ecotourism and Outdoor Leadership Degree Program who have successfully completed, or are concurrently enrolled in, the core courses.

Prerequisites for the Practicum include the following courses: Ecotourism and Outdoor Leadership 2201 or Physical Education 1171, Ecotourism and Outdoor Leadership 2203, 3305, 3307 and Recreation Studies 1217 and 1247. Specific practicum assignments may require some students to hold current certification in Wilderness and Remote Emergency Response and CPR.

NOTE: Only one of Ecotourism and Outdoor Leadership 2201 and Physical Education 1171 can be used to satisfy graduation requirements for the Bachelor of Applied Ecotourism and Outdoor Leadership.

ETOL 2201 – Foundations of Outdoor Leadership**(3 credits) 3 hours lecture**

This course will survey the history, philosophy, rationale, benefits and recreational opportunities of outdoor leadership. Students will become familiar with the organization, governance and scope of outdoor leadership. Participation is required in one weekend.

ETOL 2203 – Sustainable Tourism**(3 credits – TG) 3 hours lecture**

This course will study the development of the ecotourism industry. Students will examine the political, economic and management issues and trends related to ecotourism in Alberta, Canada and internationally. Students will initiate the development of a personal portfolio in this course.

**ETOL 2401 – Ecotourism Facilitation Skills****(3 credits) 3 hours lecture**

This course studies the knowledge and skills of leading groups in global ecotourism environments. Students will study teaching and learning methodologies, learning styles, interpretation, group facilitation, moderator techniques, needs assessment surveys and program assessment methods.

Ecotourism and Outdoor Leadership 2203, Recreation Studies 1247, and one of Applied Communications 2245 or Physical Education 1005.

ETOL 3011 – Practicum II**(9 credits) 450 hours of practicum**

This practicum experience provides students with a further opportunity to apply the Ecotourism and Outdoor Leadership theories and skills studied during the previous semesters and to continue to build upon their experience from Ecotourism and Outdoor Leadership 2011. It is expected that students will diversify their experience relative to the past experience. Students will be required to submit a practicum plan to the ETOL practicum coordinator prior to embarking on the practicum placement. Goals and strategies will be reviewed by a Faculty Advisor prior to the work-term. Students will be accepted into the practicum upon completion of the course. Prerequisites and/or consent of the department chair.

Prerequisite: Ecotourism and Outdoor Leadership 2011.

ETOL 3303 – Expedition**(3 credits – TG) 1 hour lecture, 96 hours fieldwork**

This course is designed to familiarize students with a variety of outdoor activities, such as cycle touring, canoeing and kayaking, backpacking, caving, rock climbing and mountaineering. The emphasis will be on experiential methods of learning and practical application of leadership skills. Participation is required in a 10-day expedition.

Prerequisites: Ecotourism and Outdoor Leadership 2201 or Physical Education 1171, Physical Education 2404, 2410, 2414 and 2416, or equivalent outdoor experience and consent of the department. Additionally, students must provide proof of valid Emergency Wilderness Response Certification at the time of the Expedition.

NOTE: Only one of Ecotourism and Outdoor Leadership 2201 and Physical Education 1171 can be used to satisfy graduation requirements for the Bachelor of Applied Ecotourism and Outdoor Leadership.

NOTE: Students will be responsible for payment of personal subsistence costs associated with the fieldwork. Ecotourism and Outdoor Leadership 3303 will commence prior to the start of the Fall Semester with a 10-day expedition in late August.

ETOL 3305 – Program Planning**(3 credits – TG) 3 hours lecture**

This course involves the study of the theory, method and techniques of program planning in ecotourism and outdoor leadership. Students will plan, develop and implement a program.

Prerequisites: Ecotourism and Outdoor Leadership 2201 or Physical Education 1171, and Ecotourism and Outdoor Leadership 2203.

NOTE: Only one of Ecotourism and Outdoor Leadership 2201 and Physical Education 1171 can be used to satisfy graduation requirements for the Bachelor of Applied Ecotourism and Outdoor Leadership.

ETOL 3307 – Administration of Outdoor Centres**(3 credits) 3 hours lecture**

This course provides a study of the organization and administration of outdoor centres. The student will study and report on outdoor centre organization; administrative systems; training programs; facilities and standards.

ETOL 3309 – Individual Projects**(3 credits) 3 hours lecture**

Students will complete individual project assignments negotiated with the course instructor.

Prerequisites: Ecotourism and Outdoor Leadership 2201 or Physical Education 1171, Ecotourism and Outdoor Leadership 2203 and 3305.

NOTE: Only one of Ecotourism and Outdoor Leadership 2201 and Physical Education 1171 can be used to satisfy graduation requirements for the Bachelor of Applied Ecotourism and Outdoor Leadership.

ETOL 4405 – Issues in Ecotourism**(3 credits – TG) 3 hours lecture**

This course addresses the evolving nature of the field of ecotourism and tourism locally, nationally and internationally. Students will study the issues related to standards, advocacy groups, private industry, certification, leadership and future trends.

ETOL 4409 – Applied Leadership**(3 credits – TG) 3 hours lecture**

Students will plan, develop, market, implement and report on an ecotourism outdoor leadership event.

Prerequisites: Ecotourism and Outdoor Leadership 3305 and 2401.

ETOL 5010 – E-portfolio**(3 credits) 3 hours lecture**

In order to make the transition between the Ecotourism and Outdoor Leadership Applied Degree (ETOL) program and full-time career opportunity, several steps have been put in place to create a meaningful representation of the educational experiences successfully completed at Mount Royal University. This course is designed to encapsulate, in electronic portfolio format, those experiences and will include such diverse elements as: ETOL courses completed, certifications gained, practicum-based work experience undertaken, significant outdoor trips and expeditions accomplished, etc. This is a capstone course for the program that will aim to tie all learning experiences together into one format.

FILM STUDIES (FILM)**FILM 1143 – Introduction to the Study of Film****(3 credits – TG) 3 hours lecture, 1 hour tutorial**

This course surveys the history of narrative film from its beginnings to the present. Students will view and discuss, historically and aesthetically, approximately 10 major films, paying particular attention to their “film language”. The influence of technology, film theories and criticism will, where appropriate, be considered. Written assignments will offer students practice in film analysis.

Prerequisite: English Language Arts 30-1 or equivalent.

Recommended Preparation: English 0212 or English 1101/General Education 1401 or 1402 or 1403 or 1404.

**FILM 2214 – Contemporary Global Film****(3 credits – TG) 3 hours lecture, 1 hour tutorial**

This course surveys a representative selection of contemporary films from around the world and specifically beyond mainstream American productions. Assignments will offer students practice in comparative film criticism and appreciation.

Prerequisites: One of Film Studies 1143, 2246, Art History 1101, 1103, 2207, 2209, Communications 2500, 3521, or History 2291 and one of English 1101/General Education 1401 or 1402 or 1403 or 1404.

**FILM 2246 – Film Genres****(3 credits – TG) 3 hours lecture, 1 hour tutorial**

This intermediate course surveys a number of film genres, ranging from westerns, noir, romance, comedy, gangster, adventure, horror, sci-fi/fantasy, and epics to zombie/slasher, and various cult forms. Cross-genre films will also be considered as the course overall moves to questions of genre history, precedents, and development.

Prerequisites: One of Film Studies 1143, 2214, Art History 1101, 1103, 2207, 2209, Communications 2500, 3521, or History 2291 and one of English 1101/General Education 1401 or 1402 or 1403 or 1404.

**FILM 3345 – Film Reviewing, Criticism, and Theory****(3 credits – TG) 3 hours lecture**

This course examines writing about film in the context of various intellectual and social frameworks. The emphasis is on how viewers may choose to think about and respond to film. Topics may include filmic, political, and theoretical ideas that range from academic film theory to broader questions concerning culture and audience.

Prerequisites: One of Film Studies 1143, 2214, 2246, Art History 1101, 1103, 2207, 2209, Communications 2500, 3521, English 2202, 3310, 3382, or History 2291 and one of English 1101/General Education 1401 or 1402 or 1403 or 1404.

Recommended Preparation: Film Studies 2214.

**FILM 3349 – Canadian Film****(3 credit) 3 hours lecture**

This course explores the history, development, distinctiveness, and cultural significance of film in Canada. Examining Canadian films, students will explore works in different genres, engage issues of film production, and focus upon questions of film interpretation. These areas of study will foster an understanding of the creation of “Canada” and the “Canadian” through film.

Prerequisite: One of Film Studies 1143, 2214, 2246, 3345, Canadian Studies 1131, 3730, Communications 2500, 3521, English 2270, 2271, 3372, History 2291 or 3356.

Recommended preparation: at least one of Film Studies 2214, 2246, and 3345.

**Film 3701 – Studies in Film****(3 credits) 3 hours lecture**

Varying in topic from semester to semester, this course examines a range of themes and debates in Film Studies. Film may be studied from a variety of perspectives, historical moments, genres or themes.

Prerequisites: One of Film Studies 1143, 2214, 2246, Art History 1101, 1103, 2207, 2209, Communications 2500, 3521, English 2202, 3310, 3382, or History 2291 and one of English 1101/General Education 1401 or 1402 or 1403 or 1404.

Recommended Preparation: Film Studies 2214 or 2246.

FILM 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

FLIGHT TRAINING (FLTR)**FLTR 0200 – Pilot Preparation****(0 credits) Dual and simulator training and ground briefing**

This course provides an introduction to the expected capacities required in commercial level flying.

Prerequisite: Assessment Flight

FLTR 0201 – Readiness Assessment (formerly FLTR 0100)**(0 credits) Dual training and ground briefing**

This course works with students to assess their readiness for flying at the level required for commercial level training.

Prerequisite: Private Pilot's Licence

FLTR 1100 – Pilot Indoctrination**(0 credits) Dual and simulator training and ground briefing**

This course introduces students to commercial level flying.

Prerequisite: Assessment Flight

FLTR 1101 – VFR Navigation**(0 credits) Solo, dual and simulator training and ground briefing**

Students will be introduced to VFR navigation flight and basic instrument flying.

Prerequisite: Flight Training 1100.

FLTR 1102 – Applied Navigation and Instrument**(0 credits) Solo, dual and simulator training and ground briefing**

Students will develop their navigation and instrument abilities.

Prerequisite: Flight Training 1101

FLTR 1103 – Night Rating**(0 credits) Solo, dual and simulator training and ground briefing**

Students will prepare for their Night Rating. The focuses on developing the skills required to allow them to operate aircraft safely at night.

Prerequisite: Flight Training 1101

FLTR 1104 – Commercial Run**(0 credits) Solo, dual and simulator training and ground briefing**

This course is focused on preparing students for the Commercial Pilot's Test. It focuses on refining the skills developed in previous courses and addressing any areas of weakness prior to the flight test.

Prerequisite: Flight Training 1103 and CPL written exam complete

FLTR 1201 – Navigation Flight 1

(0 credits) Solo training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 5.5 hours of instruction including solo flying and ground briefings.

Prerequisite: Flight Training 1101.

Recommended preparation: Flight Training 1103

FLTR 1202 – Navigation Flight 2

(0 credits) Solo training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 11 hours of instruction including solo flying and ground briefings.

Prerequisite: Flight Training 1101.

Recommended preparation: Flight Training 1103

FLTR 1203 – Navigation Flight 3

(0 credits) Solo training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 16.5 hours of instruction including solo flying and ground briefings.

Prerequisite: Flight Training 1101.

Recommended preparation: Flight Training 1103

FLTR 1204 – Navigation Flight 4

(0 credits) Solo training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 22 hours of instruction including solo flying and ground briefings.

Prerequisite: Flight Training 1101

Recommended Preparation: Flight Training 1103

FLTR 1300 – Additional Training

(0 credits) Solo and dual training and ground briefing

This course focuses on developing areas of skill that students are having difficulty with.

FLTR 1301 – Additional Training - Assessment

(0 credits) Dual training and ground briefing

This course focuses on assessment of skills and increasing a student's confidence in single engine flying. It is comprised entirely of dual training and ground briefings.

FLTR 1302 – Additional Training – Ground Briefing

(0 credits) Ground briefing.

This course is structured to provide students additional briefing opportunities to further develop the required knowledge base for safe and effective flight.

FLTR 1501 – Arrow Checkout

(0 credits) Dual training and ground briefing

This course introduces students to training on a different type of aircraft. Students will become sufficiently proficient to solo in a Piper Arrow.

FLTR 2100 – Currency

(0 credits) Solo, dual and simulator training and ground briefing

This course develops students proficiency in single engine day and night solo flying.

Prerequisite: Admission into second year of the Aviation Diploma

FLTR 2101 – Multi-engine Training

(0 credits) Solo, dual, twin and simulator training and ground briefing

Through this course students will develop proficiency in flying multi engine aircraft and prepare for an ME test.

Prerequisite: Flight Training 2100.

FLTR 2102 – IFR Navigation and Holds

(0 credits) Solo, dual and simulator training and ground briefing

This course develops proficiency in IFR navigation as well as developing a deeper understanding of navigation and serviceability.

Prerequisites: Flight Training 1104 and Flight Training 2100.

FLTR 2103 – Approach Basics

(0 credits) Solo, dual and simulator training and ground briefing

Students will develop their proficiency in holds and approaches, including familiarity in briefings and charts.

Prerequisite: Flight Training 2102

FLTR 2104 – IFR Operations

(0 credits) Solo, dual and simulator training and ground briefing

Students will develop their understanding of operations and approaches in controlled and uncontrolled airspaces. They will deepen their appreciation of the air picture.

Prerequisite: Flight Training 2103

FLTR 2105 – Group 1 Instrument Rating

(0 credits) Solo, dual, twin and simulator training and ground briefing

Students will improve and refine their multi engine skills and prepare for their multi engine instrument exam.

Prerequisites: Flight Training 2104, 50 hours PIC cross country, INRAT complete.

FLTR 2201 – Navigation Flight 5

(0 credits) Solo training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 11 hours of training and instruction.

FLTR 2202 – Navigation Flight 6

(0 credits) Solo, dual and simulator training and ground briefing

Students will develop their abilities to fly cross country and sharpen their navigational abilities. This class has 16.5 hours of training and instruction.

FLTR 2203 – Navigation Flight 7

(0 credits) Solo training and ground briefing

This course provides students with the opportunity to develop their cross country flying proficiency in a Piper Arrow aircraft. This course has 11 hours of training and instruction.

FLTR 2204 – Navigation Flight 8

(0 credits) Solo training and ground briefing

This course provides students with the opportunity to develop their cross country flying proficiency in a Piper Arrow aircraft. This course has 16.5 hours of training and instruction.

FLTR 2300 – Additional Training – Advanced

(0 credits) Solo, dual and simulator training and ground briefing

This course provides students the opportunity to develop greater proficiency in single engine flight.

FLTR 2301 – Additional Training – Multi Engine

(0 credits) Multi dual and simulator training and ground briefing

This course provides students with further training on the multi-engine aircraft.

FLTR 2302 – Additional Training – Simulator

(0 credits) Simulator training and ground briefing

This provides students with further training in the Simulator to increase proficiency.

FLTR 2303 – Additional Training – IFR

(0 credits) Solo and dual training and ground briefing

This course provides students with further single engine IFR training to further increase proficiency.

FINANCE (FNCE)

FNCE 2010 – Directed Field Studies I

(15 credits)

This Directed Field Studies course requires students to work for an employer in a financial services position. The employer and placement must be approved by the work experience coordinator. The work placement will normally be completed over a four month period. Any deviation from this pattern must be approved by the work experience coordinator and the Faculty Advisor. Under no circumstances will a work-term consist of less than 450 hours of work. Students are typically employed by banks or financial service firms. Students must complete a series of research projects to relate their practical experience with their academic studies.

Prerequisites: Finance 3201, 3203, 3205, 3207, 3301 and 3303. Successful completion of work experience PD sessions.

FNCE 2130 – Personal Finance

(3 credits) 3 hours lecture

This course explores the importance of financial planning within the Canadian political and economic environment, enabling students to understand the principles and practices of managing personal finances. Students will develop an appreciation for financial planning, both in the short and long-term, including making informed decisions about personal budgeting, use of credit, insurance, taxation, investment alternatives, and other important considerations.



FNCE 2132 – Introduction to the Stock Market

(3 credits) 3 hours lecture

This course focuses on key principles of fundamental and technical analysis necessary to make successful investment decisions. Examined are key factors which influence various financial markets. Students will participate in a group stock market game by applying stock selection principles to construct a portfolio.



FNCE 3010 – Directed Field Studies II

(15 credits)

This Directed Field Studies course requires students to work for an employer in a financial services position. The employer and placement must be approved by the work experience coordinator. The work placement will normally be completed over a four month period. Any deviation from this pattern must be approved by the work experience coordinator and the Faculty Advisor. Under no circumstances will a work-term consist of less than 450 hours of work. Students are typically employed by banks or financial service firms. Students must complete a series of research projects to relate their practical experience with their academic studies.

Prerequisites: Finance 2010 and successful completion of work experience PD sessions.

FNCE 3201 – Retirement Planning

(3 credits) 3 hours lecture

This course provides a detailed look at how individuals plan for, and make financial decisions related to retirement. It is designed to prepare the financial planner to provide guidance to clients on the retirement planning process, the various private and government pension plans, investment products for retirement, income tax implications, and the numerous strategies available to them. The taxation of retirement income will be examined, along with the tax planning opportunities that are available. Students have the opportunity to write the Retirement Planning exam of the Canadian Institute of Financial Planning, one of four that lead towards the Certified Financial Planner (CFP) designation.

FNCE 3203 – Income Tax Planning

(3 credits) 3 hours lecture

This course is designed to help financial planners build the knowledge and judgment necessary to guide clients in managing their business and financial assets. The course examines how various business forms (including proprietorships, partnerships, and corporations) are structured and taxed, and how they can be used to generate wealth for the owner/manager or the passive investor. It explores the taxation of investment income, including property income, interest, dividends and capital gains, and reviews the main deductions available for various income sources. This is followed by a discussion of how an individual can make use of the different tax strategies available to maximize his or her wealth accumulation. Students have the opportunity to write the Income Tax Planning exam of the Canadian Institute of Financial Planning, one of four that lead towards the Certified Financial Planner (CFP) designation.

FNCE 3205 – Strategic Investment Planning

(3 credits) 3 hours lecture

This course examines the theory and various strategies underlying decisions in the area of strategic investment planning. Among the instruments described are guaranteed, interest-producing investments; bonds and debentures; mutual funds; and financial derivatives. Methods of fundamental and technical analysis of potential investments are discussed, as well as real estate and tax shelters. Students have the opportunity to write the Strategic Investment Planning exam of the Canadian Institute of Financial Planning, one of four that lead towards the Certified Financial Planner (CFP) designation.

FNCE 3207 – Risk Management and Estate Planning

(3 credits) 3 hours lecture

This course provides a detailed look at the risk management process and the insurance products that are available to manage risk. It examines the risks of disability, death, and property and liability losses. Students will study the legal requirements of insurance policies and the application of the risk management process. This course also covers the estate planning process including property interests, family law, intestacy, probate, wills, powers of attorney, taxation upon death, trust and estate freezes. Students have the opportunity to write the Risk Management and Estate Planning exam of the Canadian Institute of Financial Planning, one of four that lead towards the Certified Financial Planner (CFP) designation.

FNCE 3227 – Introduction to Finance

(3 credits – TG) 3 hours lecture

This course provides an introduction to the theory, methods, and issues of finance. The main topics include the following: 1) time value of money and capital budgeting techniques; 2) uncertainty and the trade-off between risk and return; 3) security market efficiency; 4) optimal capital structure; 5) dividend policy decisions; 6) financial planning and working capital management; and 7) long term financing considerations including leasing.

Prerequisite: Accounting 2120 or 2121.

FNCE 3228 – Advanced Corporate Finance

(3 credits) 3 hours lecture

This course is intended to consolidate students' understanding of the theories and practices of effective financial decision-making in a corporate environment, and to assess the impact of these decisions on the firm's performance. Course coverage includes the economic theory of the firm, advanced capital budgeting concepts, stakeholder conflicts, and mergers and acquisitions. Special attention will be paid to developing a comprehensive approach to solving financial problems. Real world examples and financial modeling will be used throughout the course to give an applied context to the subject matter.

Prerequisite: Finance 3227.

FNCE 3301 – Canadian Securities Course I**(3 credits) 3 hours lecture**

This is part one of two courses intended to prepare students for the Canadian Securities Institute Exam. Topics are determined by the Canadian Securities Course™. Topics include financial statements, formulae for evaluating investments, common and preferred stocks, bonds, mutual funds, derivatives, and RRSPs.

Pre or Co-requisites: Any two of Finance 2132, 3201, 3203, 3205, 3207, 3227, 3228, 3302, 4407, 4408, 4409.

FNCE 3302 – International Finance (formerly INBU 3303)**(3 credits) 3 hours lecture**

Financing plays an essential role in international trade – and your international finance training must be practical, hands-on and adaptable to your business environment. Topics in International Finance include the role of financing in international trade, risk analysis, exchange rates, export costing, official sources of trade financing and cash flow planning.

Prerequisite: Finance 2132 or 3227.

FNCE 3303 – Canadian Securities Course II**(3 credits) 3 hours lecture**

This is part two of two courses intended to prepare students for the Canadian Securities Institute Exam. This course is intended to prepare students to effectively work in financial services. Building on material from the first course, students will examine portfolio building and financial planning and management. Students will write the Institute's Canadian Securities Course™ exam as part of completion for this course. As part of this course, students will be required to develop a comprehensive financial plan.

Pre or Co-requisites: Finance 3301.

FNCE 4407 – Investment Principles**(3 credits) 3 hours lecture**

The principles and techniques of investing in securities are discussed with emphasis on stocks and bonds. Topics include portfolio selection and performance measurement, valuation of bonds and stocks, and the application of financial theory to investment decisions. Security analysis includes fundamental approaches with an emphasis on financial statement analysis.

Prerequisite: Finance 2132 or 3301 or 3303 or 3227.

FNCE 4408 – Financial Risk Management (formerly MGMT 4408)**(3 credits – TG) 3 hours lecture**

The focus of this course is on understanding the creation of economic value in a firm by managing exposure to risk with the use of specific financial instruments, such as the use of derivatives and hedging strategies to manage currency and interest rate risks. Additional topics may include the quantification and management of market risk, credit risk and operational risk; the examination and testing of various financial models; and the tax consequences of financial decisions.

Prerequisite: Finance 3227 or Administration 1227.

FNCE 4409 – Securities Analysis and Valuation**(3 credits) 3 hours lecture**

Students will study fundamental analysis approaches for the valuation of equities and fixed income securities. For equities, both micro-analytical and macro-analytical approaches will be studied and synthesized, in order to explore the best practices in equity research. Fixed income analysis will focus on the quantitative valuation and risks associated with both basic and complex fixed income vehicles. A critical review of literature in the field will supplement students' knowledge. Students will value both debt and equity securities, through project work Financial modelling will form an integral part of the projects. Approximately 25% of the Chartered Financial Analyst® Level 1 curriculum will be reviewed.

Prerequisite: Finance 3227.

FORENSIC STUDIES (FORE)**FORE 2301 – Violence Across the Lifespan****(3 credits) 3 hours lecture**

In this course we use multiple strategies to explore factors contributing to risks for violence and resiliency to the effects of violence at the individual, community and societal level. Examples include vulnerability, peer pressure, culture, race, gender, media, gaming, social networks, social norms and developmental stages. Theories of violence and violence prevention are discussed in relation to various forms of abuse and assault (e.g. child abuse, intimate partner violence)

**FORE 5501 – Forensic History, Risk Populations and Issues****(3 credits – TG) Distance Delivery – Internet**

This course focuses on prevailing social/ethical forensic issues where health care overlaps with the law. Roles of the forensic subspecialties are outlined, together with the target forensic populations they serve. Historical roots, principles and professional practices of emerging subspecialties are examined, while current and future career opportunities are explored. A larger systems overview of criminal justice and health care is used to examine the broad scope of societal influences and the increasing impact of legal dimensions on forensic practice. Risk populations, issues and relevant laws and acts (local and international) are examined in relation to victims of physical and/or psychological trauma/abuse/neglect as well as perpetrators. Issues relevant to families of both victims and perpetrators are also explored.

FORE 5503 – Forensic Psychiatric and Correctional Populations**(3 credits – TG) Distance Delivery – Internet**

This multidisciplinary web course addresses the roles of various professionals in forensic psychiatric and correctional areas. The focus of this course is on the perpetrators of violence. Assessment, intervention and prevention are addressed for various forensic concepts and at risk populations in these settings. Relevant ethical/legal practice issues in the correctional and forensic psychiatric setting are debated with the opportunity to access international forensic resources on the web.

FORE 5505 – Victims of Violence**(3 credits – TG) Distance Delivery – Internet**

This multidisciplinary web course focuses on recognition, assessment and intervention with victims of violence. Topics include: victim behaviours, patterns of injury, evidence collection, forensic photography, fact testimony; risk reduction, prevention of violence and follow up. Specific sections discuss domestic violence, sexual assault, child abuse/neglect, elder abuse and violence against professionals. Course content is designed for nurses and physicians and is also valuable for other professionals (e.g., Police, social workers, paramedics) who interact with health care professionals or victims of violence.

FORE 5507 – Forensic Science**(3 credits – TG) Distance Delivery – Internet**

This multidisciplinary web course focuses on forensic lab analyses in criminal investigations. Specific laboratory techniques, limitations and implications of findings are discussed including microscopy, gas chromatography, DNA analysis, toxicology, fingerprinting, trace evidence and blood spatter analysis. We briefly introduce hypothesis development, event reconstruction, death investigation and analysis of remains.

FORE 5509 – Expert Witness Testimony**(3 credits – TG) Distance Delivery – Internet**

This course is designed to increase professionals' understanding of the issues and preparation required to give expert witness testimony. Issues include criteria and qualifications for expert witnesses, role in court, fields of expertise, locating experts, ethical considerations and the future of expert witnesses.

FORE 5511 – Crime Scene Investigation and Evidence

(3 credits – TG) Distance Delivery – Internet

This course centers around a functional analysis of undertaking investigations with a focus on the crime scene. The course presents basic information on conducting investigations applicable to both law enforcement and other forensic professionals who may be at the scene. It also provides an assessment of the various investigative techniques that are applied to specific types of crimes against persons and property. The types of physical evidence expected during a crime analysis and criminal profiling are explored. In particular, information will be covered on the legal responsibilities in conducting an investigation, rules of evidence, evidence collection, working with victims and suspects, courts testimony as a fact witness, case presentation requirements and the important role of evidence documentation and preservation.

FORE 5513 – Sexual Assault Examination and Intervention Theory

(3 credits) Distance Delivery – Internet

This online course provides the knowledge required to practice as a sexual assault nurse examiner (SANE) or physician examiner. Content is aimed at providing comprehensive care to victims of sexual assault including techniques for history taking and physical/psychosocial assessment, injury identification, evidence preservation and collection, assessing risks for infection/pregnancy and selecting treatment, crisis counseling, discharge considerations and court testimony. The course is designed for licensed nurses and physicians although police, social workers and lawyers involved with sexual assault may benefit - it is NOT open to undergraduate students.

Prerequisite: Forensic Studies 5505 is strongly recommended prior to Forensic Studies 5513 if the student has limited clinical experience.

FORE 5515 – Sexual Assault Examination and Intervention Practicum

(1.5 credit) 53 hours practicum

This optional clinical practicum is designed for nurses or physicians who do not have access to working with sexual assault teams or whose employers cannot provide clinical experience. Students will observe sexual assault examinations and interventions, gain practice with examination techniques and observe health professionals giving testimony in court. Availability of the practicum is dependent upon ability to make arrangements with a centre near the student's location. Prior learning credit may be considered for relevant experience.

Prerequisite: Forensic Studies 5513 or equivalent, or consent of the chair of the department of Advanced Specialty Health Studies.

FRENCH (FREN)

Note: Students who register for a French course in the Department of Languages and Cultures must ensure that they register in a course appropriate to their level of language skills.

Normally, students who have completed French 30 should register in French 2216. Students who have completed FLA 30 should register in French 2235. Students who are unsure of their level should contact the department to take a short placement test and/or take the online placement test available on the French web page.

Francophone students are also advised to take the placement test. All placement tests should be written as early as possible. For further information, please contact the Secretary of the Department of Languages and Cultures 403.440.6528.

FREN 1109 – Beginners' French I

(3 credits – TG) 4 hours lecture, 1 hour lab

Basic elements of the French language, including training in comprehension, speaking, reading and writing of French.

Note: Not open to students with credit in French 20, 30, 31 or equivalent.

**FREN 1111 – Beginners' French II**

(3 credits – TG) 4 hours lecture, 1 hour lab

A continuation of French 1109.

Prerequisite: French 20 or 1109 (formerly 2209), or consent of the department.

Note: Not open to students with credit in French 30, 31 or equivalent.

**FREN 1113 – Beginners' French III**

(3 credits – TG) 4 hours lecture, 1 hour lab

A continuation of French 1111.

Prerequisite: French 1111 or consent of the department.

Note: Not open to students with credit in French 1115 or 1117.

Students are encouraged to check their proficiency level by taking the on-line Placement Test: <https://breeze.mtroyal.ca/p56368710>.

**FREN 2216 – Francophonie: Language and Culture I**

(3 credits – TG) 4 hours lecture, 1 hour lab

This course provides a study of French language and culture in French-speaking countries, including France, Canada, and other parts of the world. Students develop their ability in spoken and written French, building upon a knowledge of basic grammar.

Prerequisite: French 30 or 31 or equivalent; French 1113 or consent of the department.

Students are encouraged to check their proficiency level by taking the on-line Placement Test: <https://breeze.mtroyal.ca/p56368710>.

**FREN 2218 – Francophonie: Language and Culture II**

(3 credits – TG) 4 hours lecture, 1 hour lab

This course is a continuation of French 2216, with additional grammatical structures and vocabulary.

Prerequisite: French 2216 or consent of the chair of the department.

Students are encouraged to check their proficiency level by taking the on-line Placement Test: <https://breeze.mtroyal.ca/p56368710>.

**FREN 2235 – Second-Year University French I**

(3 credits – TG) 4 hours lecture

Advanced training in grammar, vocabulary, reading and writing.

Prerequisite: French Language Arts 30, French 2218, or consent of the department.

Students are encouraged to check their proficiency level by taking the on-line Placement Test: <https://breeze.mtroyal.ca/p56368710>.

**FREN 2237 – Second-Year University French II**

(3 credits – TG) 4 hours lecture

A continuation of French 2235.

Prerequisite: French 2235 or consent of the department.

**FREN 2250 – Contemporary French Culture and Civilization**

(3 credits – TG) 3 hours lecture

This course explores features of contemporary France from a cultural perspective, and also includes a brief overview of French civilization and its impact on modern French society.

Note: Classes will be taught in English. No knowledge of the French language is required.

**FREN 3325 – Contemporary French Civilization**

(3 credits – TG) 3 hours lecture

This French language civilization course provides students with an opportunity to use French as a working language to study contemporary French society. Students read selected texts at the intermediate level related to the major political, social, economic and cultural forces at work in France today.

Prerequisite: French 2235 or consent of the department.



FREN 3335 – Translation I

(3 credits – TG) 3 hours lecture

This course offers an introduction to translation theory and practice to students who are proficient in English and have a good command of French. Students will gain an understanding of the issues which arise in translating a variety of texts, and will practice strategies for solving these challenges.

Prerequisite: French 2237 or consent from the department.

**FREN 3339 – Francophone Literatures I**

(3 credits – TG) 3 hours lecture

This course offers an introductory study of French and French Canadian literatures. It examines a selection of novels, poems and plays written by well-known francophone authors. It addresses literary movements and themes; and focuses the attention of students on cultural issues that have shaped the emergence of these literatures.

Prerequisite: French 2235 and/or 2237 or consent of the department.

**FREN 3341 – Writing Styles and Skills**

(3 credits – TG) 3 hours lecture

This course is designed to help students develop their writing skills in French by concentrating on the structures of sentences, paragraphs and essays. Students will also enrich their vocabulary and acquire a knowledge of writing styles by studying a variety of contemporary texts. Students will improve their own writing skills by putting this knowledge into practice.

Prerequisite: French 2235 and/or 2237 or consent of the department.

**FREN 3343 – Francophone Cinema for Oral and Written Communication**

(3 credits – TG) 3 hours lecture

An intermediate course in French using French films as a vehicle to promote oral/aural and written mastery.

Prerequisite: French 2218, or consent of the department.

**FREN 3349 – French Phonetics**

(3 credits – TG) 3 hours lecture

This course provides an introduction to French phonology, including comparative and contrastive differences between French and English. It is a practical course emphasizing phonetic correction.

Prerequisite: French 2218, or consent of the chair of the department.

**FREN 4435 – Translation II**

(3 credits – TG) 3 hours lecture

This course offers advanced translation theory and practice to students who are proficient in English and have a very good command of French. Students will gain a better understanding of translation issues and translation skills through translating a variety of texts, and will practice strategies for solving these challenges.

Prerequisite: French 3335 or consent of the department.

**FREN 4439 – Canadian Travel Writing**

(3 credits – TG) 3 hours lecture

This course explores the generic aspects of travel literature in French (travel discourse, representations of Otherness and of space, factual writing) with a focus on the Western Canadian regions from the end of the Eighteenth Century to the present.

Prerequisite: French 3339 or consent of the department.

**FREN 3199, 4199 – Directed Readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar

GEOGRAPHY (GEOG)**GEOG 1101 – The Physical Environment**

(3 credits – TG) 3 hours lecture, 1 hour lab

This course is an introduction to the physical elements of the environment. Topics include: weather, climate, hydrology, landforms, soils, vegetation, and the processes producing variations of these elements on the surface of the earth. Examples of environmental inter-relationships and problems that affect humanity are emphasized.

**GEOG 1102 – World Regional Geography**

(3 credits – TG) 3 hours lecture

The major cultural regions of the world are introduced in this course. Emphasis is placed on cultural characteristics, including population, political situation, economy, language, and religion, as well as the physical environment, including landforms and climate, that make regions distinctive. Historical developments provide context for understanding regional features. This course provides the background for understanding current world affairs.

**GEOG 1103 – The Human Environment**

(3 credits – TG) 3 hours lecture, 1 hour lab

This course is the study of societies and cultures; their economies, technologies and political systems as these influence human use of physical and natural environments. The course concentrates on human/environment interrelationships and the manner in which humans attempt to impose order upon the surface of the earth. Some emphasis will be placed on student projects in the laboratories.

**GEOG 1105 – Introduction to Mapping, GIS and Remote Sensing**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course covers three key areas of geographical techniques: 1) an introduction to topographic and thematic maps, map projections, and map design and layout; 2) the use of geographic information systems to manipulate and visualize data and; 3) an introduction to digital imagery and remote sensing. This course utilizes descriptive statistics and includes a hands-on applied computer component.

**GEOG 2107 – Weather and Climate**

(3 credits – TG) 3 hours lecture, 2 hours lab

This course involves the study of physical principles of meteorology and climatology. Air masses and fronts, mid-latitude depressions, small and large-scale storms, atmospheric-oceanic coupled circulations, and human-induced climate change are among the topics presented. The characteristics and distributions of climates are explored. Laboratory work emphasizes North American examples.

Prerequisite: Geography 1101 or consent of the department.

**GEOG 2109 – Ecological Land Classification and Soils**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course includes a study of the physical, chemical and biological characteristics of soils, and the processes and factors of soil formation. Course topics will also include an exploration of land morphology, soil and plant relationships, and their classification. Laboratory work will include the analysis of samples gathered in the field.

Prerequisite: Geography 1101 or Geology 1101 or 1109 or consent of the department.

GEOG 2111 – Landform Processes and Morphology

(3 credits – TG) 3 hours lecture, 2 hours lab

This course involves a systematic study of the origin, nature and distribution of landforms. Laboratory work will include geomorphic interpretation of maps and remotely sensed images.

Prerequisite: Geography 1101 or Geology 1101, 1103 or 1109.

GEOG 2225 – Regional Geography of Canada

(3 credits – TG) 3 hours lecture

This course involves a regional geography approach to the study of Canada. Included is the study of the physical framework of Canada and its significance in Canada's historical development. The concept of geographic regions, and the patterns and characteristics of these regions are explored using selected detailed studies.

Recommended Preparation: A previous course in Geography.

**GEOG 2230 – Regional Geography of Europe**

(3 credits – TG) 3 hours lecture

This course will explore Europe's regional geography, its physical setting, its human geography (history, demography, economics, politics, culture), and its environmental challenges. Students will be exposed to the internal and external forces that bind the continent's various parts together and the social geographic factors that pull them apart. Special emphasis will be placed on contemporary Europe in the era of globalization and the deepening and widening of the European Union.

Recommended Preparation: A previous course in Geography.

**GEOG 2333 – Economic Geography**

(3 credits – TG) 3 hours lecture

This course involves a study of the spatial organization and distribution of economic activity, including: production; transportation; communication; and consumption. Students will also explore the history and geographic structure of the capitalist world economy as well as the processes of economic globalization and the challenges associated with development.

Recommended Preparation: Geography 1103.

**GEOG 2335 – Introduction to Urban Geography**

(3 credits – TG) 3 hours lecture

This course explores the processes that form cities and urban life using a geographical perspective. Topics include: the origins and development of cities; changing urban form and function; how cities have been transformed by technology; the economic and social landscapes of the city; and modern challenges to the urban fabric such as sprawl and inner city decay. The course will also focus on imagining and designing the cities of the future.

Recommended Preparation: Geography 1103 or a previous course in Geography.

**GEOG 2337 – Political Geography**

(3 credits – TG) 3 hours lecture

Students will be instructed in the influence of physical and cultural landscapes on politics, and the influence of politics on the landscape. Topics of study include globalization, regionalism, terrorism, war and disputed territory. The political response to global environmental issues, and the politics of poverty and development are also discussed in this course.

Recommended Preparation: Geography 1103 or consent of the department.

**GEOG 2437 – Biogeography**

(3 credits – TG) 3 hours lecture

Biogeography is the study of the spatial and temporal distribution of biota. As practiced by geographers, biogeography is closely related to biology, ecology and environmental science with an emphasis on systems and spatial analysis. This course uses a foundation of evolutionary theory and science that forms the basis for thinking critically about contemporary human uses of plants, animals and other biota. Further, the course will explore themes related to human adaptation and impacts in response to the evolution of the biosphere.

Recommended preparation: A previous course in Geography.

**GEOG 2443 – Tourism and Recreation Geography**

(3 credits – TG) 3 hours lecture

This course involves the study of: dimensions of tourism and recreation, scales and impacts of human activities on recreational resources and environments, planning for sustainable tourism, cultural and heritage tourism, nature-based and ecotourism, and development and management issues.

Recommended Preparation: Geography 1101 or 1103.

**GEOG 2445 – Environmental Problems and Resource Management**

(3 credits – TG) 3 hours lecture

Environmental and resource issues are introduced, with emphasis on topics such as ethics, sustainability, policy and decision-making, and management strategies. Case examples highlight issues on resource sectors including fresh water, oceans, parks, wildlife, forests and energy.

Recommended Preparation: Geography 1101 or 1103.

**GEOG 2553 – Geographic Information Systems**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course includes the technical and theoretical foundations of Geographical Information systems (GIS). Raster and vector representations of the physical landscape and associated map analysis techniques are explored. Modeling and performing single and multiple map analyses focus on practical case studies, and form the basis of lecture and laboratory assignments. Cartographically sound visualization techniques will be emphasized.

Prerequisite: Geography 1105 or consent of the department.

**GEOG 2555 – Introduction to Remote Sensing**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course provides a basic overview of the use and interpretation of aerial photographs and remotely-sensed imagery. Both physical and cultural landscape features will be identified and interpreted using remote sensing software.

Prerequisite: A previous course in Geography or Geology or consent of the department.

Recommended Preparation: Geography 1105.

GEOG 3107 – Advanced Biogeography

(3 credits) 3 hours lecture, 3 hours lab

This course is designed to advance knowledge in the fields of biogeography, macro-ecology, and conservation. Drawing from topics developed in the prerequisites, the course will include: empirical studies documenting ecological and biogeographic patterns; theoretical and methodological studies that explore those patterns; case studies of anthropogenic impacts and conservation efforts; and area field studies to explore appropriate examples.

Prerequisite: Geography 2107 or 2109 or 2111 or consent of department.

GEOG 3109 – Overseas Field Study in Physical Geography

(3 credits – TG) 3 week field school

This course introduces the concepts of field research and reconnaissance survey techniques in physical geography, as applied to regions outside of North America. Group travel-study is combined with formal instruction during the course. Pre-Field School classes are also included.

Note: Students will be responsible for paying all costs, including travel associated with the international field school experience.

GEOG 3129 – Advanced Overseas Field Study in Physical Geography

(3 credits – TG) 3 week field school

This course is a continuation of the Overseas Field Study in physical geography course. Students practice field research and reconnaissance survey techniques in physical geography, as applied to regions outside of North America. Group travel-study is combined with formal instruction during the course. Pre-Field School classes are also included.

Prerequisite: Geography 3109.

Note: Students will be responsible for paying all costs, including travel associated with the international field school experience.

GEOG 3309 – Overseas Field Study in Human Geography

(3 credits – TG) 3 week field school

This course introduces the concepts of field research and reconnaissance survey techniques in human geography, as applied to regions outside of North America. Group travel-study is combined with formal instruction during the course. Pre-Field School classes are also included.

Note: Students will be responsible for paying all costs, including travel associated with the international field school experience.

GEOG 3329 – Advanced Overseas Field Study in Human Geography

(3 credits – TG) 3 week field school

This course is a continuation of the Overseas Field Study in Human Geography course. Students practice field research and reconnaissance survey techniques in human geography, as applied to regions outside of North America. Group travel-study is combined with formal instruction during the course. Pre-Field School classes are also included.

Prerequisite: Geography 3309.

Note: Students will be responsible for paying all costs, including travel associated with the international field school experience.

GEOG 3445 – Global Environmental Issues

(3 credits) 3 hours lecture

This course focuses on the science, politics, and geography of global environmental issues. Advancing concepts, theories and models introduced in the prerequisites this course will use a spatial approach to address environmental issues, discourses, and world views, and will emphasize the utility of a geographer's skills and methods.

Prerequisite: Geography 2333 or 2337 or 2445 or consent of department.

GEOG 3447 – Parks and Protected Areas

(3 credits) 3 hours lecture

This course will emphasize social and environmental science-based management in both provincial and national park systems. It will explore park formation, policies, planning and resource conservation from within a park and protected areas management framework.

Prerequisite: Geography 2333 or 2337 or 2443 or 2445.

GEOG 3553 – Spatial Analysis and GIS

(3 credits) 3 hours lecture, 3 hour lab

This course is designed to advance knowledge in spatial methods and science with specific emphasis on Geographic Information Systems (GIS) and Remote Sensing. Important principles and concepts of GIS/Remote Sensing are expanded beyond those introduced in the prerequisites.

Prerequisite: Geography 2553 or 2555 or consent of department.

GEOG 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

GEOLOGY (GEOL)**GEOL 1101 – Physical Geology**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course provides a study of the principles of physical geology. Topics include: the classification and identification of rocks and minerals; processes in the earth's interior; plate tectonics and mountain building; surface processes and geologic hazards; and geologic resources, and an introduction to geologic time.

Note: Credit can only be obtained for one of Geology 1120, 1101, 2209 or U of C GLGY 201, 209 or 271.

GEOL 1103 – Historical Geology

(3 credits – TG) 3 hours lecture, 3 hours lab

A study of the earth's geologic history as interpreted from sedimentary rocks. Emphasis will be on rock types and fossils, and their stratigraphic and environmental significance, as they relate to the physical and organic evolution of North America, from Precambrian to Recent times.

Prerequisite: Geology 1101 with a grade of C- or higher.

**GEOL 1109 – Introduction to Geology**

(3 credits – TG) 3 hours lecture, 1 hour lab

Basic concepts regarding the major features of the earth: its rock and mineral composition; processes controlling erosion, deposition and surface structures; formation of the landscape; the history of the earth; plate tectonics and geologic hazards and how it all relates to you.

Note: Designed primarily for non-science students.

GEOL 1151 – Introduction to the Petroleum Industry

(3 credits – TG) 3 hours lecture

An overview of the history, operations and technical aspects of the petroleum industry. The course content will emphasize the geologic occurrence of petroleum. Topics include: origin, migration and occurrence of petroleum; methods of exploration; and production and uses of petroleum.

Note: A non-science background is assumed.

GEOL 2101 – Introduction to Geologic Field Methods

(3 credits – TG) 10-day field school

This course introduces the concepts of mapping geology at large and small scales. Detailed maps will be prepared using pace, compass and triangulation methods. Geologic sections will be measured with staff and tape and students will complete field reports. The field work will concentrate mainly on sedimentary rocks and basic structural geology. Field exercises are typically conducted outside of Calgary and normally occur during the two week period before Labour Day.

Prerequisite: Geology 1103 with a grade of C- or higher and consent of the department.

Note: This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. Students may be required to cover food and accommodation costs.

GEOL 2103 – Minerals and Rocks

(3 credits – TG) 3 hours lecture, 3 hours lab

This course focuses on the identification of rocks and rock forming minerals in hand sample and under the binocular microscope. Included are rock classification schemes; the interpretation of rock textures and structures; an introduction to the petrographic microscope; orthoscopic optical techniques and elementary petrography.

Prerequisites: Chemistry 1201 and Geology 1103 with a minimum grade of C- or higher or departmental approval.

GEOL 2105 – Structural Geology

(3 credits – TG) 3 hours lecture, 3 hours lab

This course will introduce orthographic and stereographic techniques used to examine tectonic structures. Students will also study the classification of tectonic structures, geological maps and cross sections, the mechanical principles involved in the deformation of rocks and the manipulation of structural data.

Prerequisites: Geology 1103 with a grade of C- or higher.

Note: There will be a weekend field trip during the course. Students will be required to cover food and accommodation costs.

GEOL 2107 – Palaeontology

(3 credits – TG) 3 hours lecture, 3 hours lab

Principles of classification, comparison of fossil with modern forms, morphology of invertebrate fossils, their evolutionary history and paleoecologic significance.

Prerequisite: Geology 1103 with a grade of C- or higher.

GEOL 2109 – Stratigraphy and Sedimentation

(3 credits – TG) 3 hours lecture, 3 hours lab

This course is an introduction to stratigraphic principles and sedimentary processes. Included are the properties, classification and interpretation of sedimentary rocks, stratigraphic nomenclature and stratigraphic relationships and interpretations.

Prerequisite: Geology 1103 with a grade of C- or higher.

GEOL 2111 – Crystallography and Optical Mineralogy

(3 credits – TG) 3 hours lecture, 3 hours lab

External and internal symmetry, chemistry, structure and conoscopic optical properties of crystalline material as a basis for more refined identification of rockforming minerals.

Prerequisite: Geology 2103 with a grade of C- or higher.

GEOL 2151 – Environmental Geology and Earth Resources

(3 credits – TG) 3 hours lecture

Environmental geology involves the application of geological information to environmental problems. This course examines the interaction between man and the environment from a geological perspective with an emphasis on natural resource development in Western Canada.

Prerequisite: Geography 1101 or Geology 1101 or Geology 1109

**GEOL 2153 – Natural Hazards and Disasters**

(3 credits – TG) 3 hours lecture

This course examines natural disasters and provides a survey of important historical and recent disasters from a geologic perspective. Topics covered include: earthquakes, tsunami, volcanic eruptions, landslides, mudflows, flooding, climate change, droughts and extraterrestrial impacts. The lab component of this course involves two one day field trips to examine locally occurring natural hazards.

Prerequisite: Geography 1101 or Geology 1101 or Geology 1109

**GEOL 2155 – Geological History of Life**

(3 credits – TG) 3 hours lecture

The history of life from the earliest records to the present Fossils, geological time, extinction, evolution. The rise and development of various animals and plants including trilobites, ammonites, dinosaurs, and horses.

Recommended Preparation: Geology 1109.

**GEOL 2157 – Water: Geologic and Geographic Issues**

(3 credits) 3 hours lecture

This course will introduce students to the science of water and emphasize its geological and geographical occurrence on our planet. The hydrologic cycle will be studied in depth. Case studies will examine historical uses, current usage and potential future challenges.

Prerequisite: Geography 1101, Geology 1101 or 1109 (minimum C- or higher).

Note: only one of GEOL 2157 and GEOG 2127 may be used for graduation purposes.

GEOL 3101 – Advanced Geological Field Methods

(3 credits) 14-day field school

In this course students will use geological mapping techniques to complete the detailed mapping of lithologies and structures in a selected area of the Precambrian Shield. Emphasis will be placed on the relationship between tectonic setting and ore deposits. The field work component of this course will run during a fourteen day period in late August and early September and students will complete a detailed geological report, on the area studied, during the fall semester.

Prerequisites: Geology 2101, 2105 and 2111 with a grade of C- or higher.

Note: This course occurs in rugged field conditions and varying weather, for which participants must be prepared and equipped. Students will be required to cover travel, food and accommodation costs.

GEOL 3103 – Igneous Petrology

(3 credits) 3 hours lecture, 3 hours lab

This course involves the theoretical and practical study of igneous rocks in hand specimen and thin section. Major topics include the description, classification and origin of igneous rocks. Melting, magma crystallization and magma differentiation are also covered; along with the relationship between tectonics and igneous petrology.

Prerequisite: Geology 2111 with a minimum grade of C- or higher.

GEOL 3107 – Geomorphology

(3 credits – TG) 3 hours lecture, 3 hours lab

This course focuses on landforms and formations and the processes which produce them. Topics of study include glaciation, fluvial geomorphology (rivers and lakes), effects of climate change and other dynamic changes about land forms and their associated geology. Included in the laboratory work are map interpretation and air photo analysis.

Prerequisite: Geology 2109 with a grade of C- or higher.

GEOL 3109 – Sedimentary Petrology

(3 credits) 3 hours lecture, 3 hours lab

This course involves the theoretical and practical study of clastic, carbonate and other sedimentary rocks in hand specimen and thin section. Major topics include the description, classification and origin of rocks. Sedimentary facies and their relationship to depositional environments will also be covered.

Prerequisites: Geology 2103 and 2109 with a minimum grade of C- or higher.

GEOL 3111 – Metamorphic Petrology

(3 credits) 3 hours lecture, 3 hours lab

This course involves the theoretical and practical study of metamorphic rocks in hand specimen and thin section. Major topics include the description, classification and origin of metamorphic rocks. Chemical equilibrium, metamorphic textures and the relationship between regional metamorphism and tectonics are also covered.

Prerequisites: Geology 3103 and Geology 3109 with a minimum grade of C- or higher.

GEOL 3113 – Geochemical Processes

(3 credits – TG) 3 hours lecture, 3 hours lab

A study of the chemical processes taking place in geologic settings with emphasis on the abundance relationships of the elements in the Earth's crust. Also included is a study of the laws governing the migration and distribution of elements of the Earth and the application of geochemistry in the search for mineral deposits.

Prerequisite: Geology 3103 with a grade C- or higher.

GEOL 4101 – Advanced Topics in Sedimentary Geology

(3 credits) 3 hours lecture

This course will include topics current in the field of Sedimentary Geology. These will include sedimentary facies models, seismic stratigraphy, sequence stratigraphy, micropaleontology and ichnology.

Prerequisite: Geology 3109 with a grade of C- or higher.

GEOL 4103 – Advanced Topics in Igneous/Metamorphic Geology

(3 credits) 3 hours lecture

This course will be taught in a seminar format. Topics studied will include those current in the field of igneous and metamorphic petrology such as: structural or geochemical analyses of igneous bodies and/or metamorphic terranes, the granulite problem, analysis of igneous or metamorphic suites, weaknesses of geochronology and/or geothermobarometric studies applied to igneous or metamorphic geology.

Prerequisites: Geology 2105, Geology 3111 and Geology 3113 with a grade of C- or higher.

GEOL 4105 – Hydrogeology

(3 credits) 3 hours lecture, 3 hours lab

This course is a detailed study of the occurrence of groundwater. Topics covered include rock properties that affect groundwater; the quality of groundwater; the geology of groundwater basins; and procedures for surface and subsurface investigations.

Prerequisites: Geology 3107 and 3109 with a grade of C- or higher.

GEOL 4107 – Geological History of Western Canada

(3 credits) 3 hours lecture, 3 hours lab

This course involves a detailed study of the geological evolution of Western Canada from the Precambrian to the Recent. Lab studies will examine a wide variety of rocks from the different time periods.

Prerequisites: Geology 2105 and Geology 3111 with a grade of C- or higher.

GEOL 4109 – Petroleum Geology

(3 credits) 3 hours lecture, 3 hours lab

This course studies the principles and theory of hydrocarbon formation, migration and entrapment. It also considers the methods, tools and data used in the subsurface analysis of oil and natural gas accumulations with emphasis on Canadian examples.

Prerequisites: Geology 2105 and Geology 3111 with a grade of C- or higher.

GEOL 4111 – Ore Deposits and Economic Geology

(3 credits) 3 hours lecture, 3 hours lab

This course will focus on the study of ore occurrences and processes of formation with emphasis on Canadian deposits. Students will also be introduced to mining and exploration techniques, economics, and the Canadian mining industry.

Prerequisites: Geology 2105, 3111 and 3113 with a grade of C- or higher.

GEOL 4113 – Geoscience Research

(3 credits) 3 hours lecture

This course will develop student skills in geoscience research methods. Topics will include how to develop a geoscience research question, choose suitable geoscience analytical techniques, produce a geoscience project proposal, and write a geoscience research paper. Students will determine research topics in consultation with faculty. Each student will be required to produce research paper(s) and present these to students and faculty in a conference-style setting.

Prerequisites: Geology 3111 and 3113 with a grade of C- or higher.

GEOL 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

GEOPHYSICS (GEOP)**GEOP 3101 – Exploration Geophysics**

(3 credits – TG) 3 hours lecture, 3 hours lab

This course is an introduction to seismic, gravity and magnetic methods as used in the exploration for hydrocarbons and other geologic resources, and their use in engineering studies.

Prerequisites: Geology 2105, Mathematics 1200 and Physics 1202 with a grade of C- or higher.

GERMAN (GERM)**GERM 1105 – Beginners' German I**

(3 credits – TG) 4 hours lecture, 1 hour lab

This course imparts, on the introductory level, an active, practical skill in the use of the spoken and written word, using material from everyday situations.

Note: May not normally be taken for credit by students with German 30 or 31.

GERM 1107 – Beginners' German II

(3 credits – TG) 4 hours lecture, 1 hour lab

A continuation of German 1105.

Prerequisite: German 1105.

Note: May not normally be taken for credit by students with German 30 or 31.

GERM 2226 – First-Year University German I

(3 credits – TG) 4 hours lecture, 1 hour lab

This course develops the student's ability in speaking, reading and writing German, using modern texts.

Prerequisite: German 30 or 1107.

GERM 2228 – First-Year University German II

(3 credits – TG) 4 hours lecture, 1 hour lab

A continuation of German 2226.

Prerequisite: German 2226.

GERM 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

GENERAL EDUCATION (GNED)**GNED 1101 – Scientific and Mathematical Literacy for the Modern World**

(3 credits – TG) 3 hours lecture

Students will expand their understanding of the intersections of mathematics, science and technology with daily life. The course will develop and apply critical thinking and scientific reasoning skills through the examination of issues drawn from the real world and current events.

**GNED 1102 – Controversies in Science**

(3 credits – TG) 3 hours lecture

This course provides an introduction to scientific knowledge, its role in society, and the relationship between scientific inquiry and mathematics. Students will learn about the scientific method, the role of mathematics and statistics as reasoning tools, and how to research, evaluate, and write about science. Science controversies will be used as case studies.

**GNED 1201 – Aesthetic Experience and Ideas**

(3 credits – TG) 3 hours lecture

This course examines human aesthetic responses and our capacities to interpret diverse forms of cultural expression. Students will study some of the following: literary and/or religious texts, paintings, sculpture, architecture, music, film, dance, opera, the decorative arts, as well as other forms of aesthetic expression.

**GNED 1202 – Texts and Ideas**

(3 credits – TG) 3 hours lecture

"Texts and Ideas" is a course that explores how specific ideas shape attitudes, belief systems, and values through the perspectives of various disciplines. Through the critical reading of key texts, students will learn about the nature, origins and relevance of one or more ideas, such as "leadership," "mind," "the self," "modernity," or "the good life".

**GNED 1203 – Cultural Perspectives on Science**

(3 credits – TG) 3 hours lecture

This course introduces students to the study of science as a cultural activity with the goal of developing their critical thinking and writing skills. Students will learn to be conversant with some of the issues and debates concerning how science, technology, and medicine have shaped and continue to shape beliefs, values, and identities in our world.

**GNED 1301 – Globalization**

(3 credits – TG) 3 hours lecture

Students will gain an understanding of the impact and opportunities of globalization, as well as the barriers. A thorough discussion of the pros and cons of globalization will be included. The international environment will be introduced through a holistic analysis of political, economic, and cultural differences. International institutions and trading blocs will be discussed, and the factors contributing to cross-cultural effectiveness will be introduced.

**GNED 1303 – Conflict and the Social Context**

(3 credits) 3 hours lecture

Conflict, whether personal, domestic or international, is one of the defining forces of society. Through an interdisciplinary framework, students will engage multiple interpretations and be introduced to various ways of thinking about the world that they live in through an examination of a conflict in its social context. Each section of the course focuses on a different conflict, using distinct textbooks, assessments, and pedagogical methods to achieve the same course objectives.



GNED 1304 – Communities and Societies

(3 credits) 3 hours lecture

Local, national, and global communities suffer from similar problems. This interdisciplinary course will critically examine key issues within communities and societies, explore the meaning, power, and obligations of citizenship, and begin to develop the skills necessary to create positive, effective, and sustainable change.

**GNED 1401/ENGL 1101 – Critical Writing and Reading**

(3 credits – TG) 4 hours lecture

This foundational composition course offered by the department of English focuses on effective writing styles for academic and wider social contexts. Students will respond to texts pertaining to a variety of disciplines and develop critical reading and thinking skills. Students will also refine their understanding and practice of the structures of writing.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher, or English 0212 with a grade of C or higher.

**GNED 1402 – Writing for the Professions**

(3 credits – TG) 3 hours lecture

This course presents the principles and techniques of writing for the professions. The course provides students with an opportunity to develop skills in written and oral communication and to critically analyze documents and genres commonly used in various professions. Practice in a variety of writing situations encountered by professionals such as correspondence, proposals, documented research reports, abstracts, definitions, product and process descriptions is provided.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher, or English 0212 with a grade of C or higher.

**GNED 1403 – Writing in a Digital Context: Language, Media, Culture**

(3 credits) 3 hours lecture

Working online and in the classroom, students in this foundational composition course will explore how various new media shape their writing. The course examines social media in particular, such as social networking sites, video file sharing, and blogging, in the context of rhetoric, cultural studies, and new literacies.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher, or English 0212 with a grade of C or higher.

**GNED 1404 – Writing about Images**

(3 credits) 3 hours lecture

This foundational composition course focuses on writing about images. Students will refine their understanding and practice of the structures of writing by responding to and analyzing images.

Prerequisite: English Language Arts 30-1 or equivalent with a grade of 60% or higher, or English 0212 with a grade of C or higher.

**GNED 2402 – Inside Information: Challenges and Controversies in the Information Age**

(3 credits) 3 hours lecture

This course surveys the many challenges confronting us in the "Information Age". Students will have the opportunity to explore the major issues that influence information use, creation, and dissemination. Topics may include: tensions between the right to know and the right to privacy; information equity, access, and power; and intellectual freedom.

**HISTORY (HIST)****HIST 1100 – Introduction to History**

(3 credits – TG) 1.5 hours lecture, 1.5 hours tutorial

All History majors must take this course during their first ten courses in the program (or as soon as possible after a student declares a major in History). Lectures introduce major historical themes, topics, and categories of analysis, while tutorials focus on skills development through interactive assignments and discussion.

Note: Registration is limited to students enrolled in the BA. (History).

HIST 1101 – Europe to 1500 (formerly HIST 2201)

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course, which introduces students to the academic study of history, surveys the history of Western civilization up to 1500, with a focus on the political, social, economic, intellectual, and cultural life of European societies.

**HIST 1103 – Europe Since 1500**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course, which introduces students to the academic study of history, surveys the history of Western civilization since 1500, with a focus on the political, social, economic, intellectual, and cultural life of European societies.

**HIST 1111 – South Asia and the Indian Ocean: 2500 BCE – Present**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to the history of South Asia from approximately 2500 BCE to the creation of the independent states of India and Pakistan in the mid-twentieth century. Topics to be examined include state formation, social and religious developments, trading world of the Indian Ocean, the impact of Islamic and European states and economies, modes of reaction to colonial rule, the construction of communal identity, and the course of nationalism.

**HIST 1117 – America to 1865**

(3 credits – TG) 4 hours lecture

This course provides a survey of the history of the United States from colonial settlement to the end of the American Civil War. Course topics include the struggle for liberty by groups and individuals, sectional conflict, interactions between Native Americans and the federal government, and changes in politics, society, and diplomacy.

**HIST 1119 – The United States, 1865 to the Present**

(3 credits – TG) 4 hours lecture

This course provides a survey of the history of the United States from the Civil War to the present. Course topics include the struggle for liberty by groups and individuals, America's rise to global power, and political, social, and economic changes.

**HIST 1131 – Canada, Origins to 1867**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course introduces students to key issues and events in early Canadian history. Themes include social and cultural change, as well as economic and political developments. Topics such as the interactions between Natives and non-Natives, war and conflict, and French and British relations will be examined.

**HIST 1133 – Modern Canada, 1867 to Present**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course introduces students to key issues and events in modern Canadian history. Themes include social and cultural change, as well as economic and political developments. Specific topics covered may include Canada's military participation, the Cold War, immigration and regionalism.



HIST 2202 – The Historian's Craft

(3 credits – TG) 3 hours lecture

The Historian's Craft is an introduction to history as a distinct field of study. It aims to help students understand what history is, what it means to be a historian, and how to write history. The course is intended primarily but not exclusively for history majors in order to prepare them for the advanced study of history in upper-division courses.

Prerequisite: Any one of the following courses: History 1100, 1101, 1103, 1111, 1117, 1119, 1131, or 1133.

HIST 2204 – The Medieval World

(3 credits – TG) 3 hours lecture

This course surveys the history of medieval Europe from c. 500 to c.1500. It focuses on the development of the political, religious and social structures that shaped Europe. Topics explored may include the ordering of society, belief systems, warfare and violence, art and architecture, literature, education and intellectual developments, and religious and political institutions.

**HIST 2205 – Health, Disease and Medicine in Western Society**

(3 credits – TG) 3 hours lecture

This survey course in the social history of medicine focuses on the "medical revolution" of the nineteenth century. Topics include epidemics, mental illness, the development of the medical profession, and the role of medicine in culture and society.

Recommended Preparation: Any 1000-level History course.

**HIST 2206 – The History of Ancient Rome**

(3 credits – TG) 3 hours lecture

This course surveys the history of Ancient Rome from the early kings to the spread of Christianity and the fragmentation of the Roman Empire in the West. Particular attention will be paid to the military, political, social and cultural achievements of the Romans, and to their long-standing legacy within Western Europe.

**HIST 2207 – Histories of Western Sexualities**

(3 credits – TG) 3 hours lecture

Histories of Western Sexualities aims to help students understand that, contrary to our intuitive understanding, sexuality – both our sexual practices and our attitudes towards sexuality – have varied enormously over time and between cultures – that is, our sexuality is "historically contingent" and "socially constructed". Given the enormity of the subject, the course will focus on sexuality in Western cultural experience and the topics covered will vary from semester to semester.

**HIST 2208 – Women and Gender in Canada to 1900**

(3 credits – TG) 3 hours lecture

This course examines women's experiences and gender dynamics in Canada from the eighteenth through the nineteenth century. Themes include race and racism, family, politics and political culture, spousal and sexual violence, religion, public and private spheres, as well as sexuality.

Recommended Preparation: Women's Studies 1172 or any first year history course.

**HIST 2209 – Women and Gender in Canada Since 1900**

(3 credits – TG) 3 hours lecture

This course examines women's experiences and gender dynamics in twentieth century Canada. Themes include feminism's three waves, the social welfare state, the rise of the Left, World War II, post-war family and consumption, immigration and race, heterosexism and homophobia, environmentalism, and anti-racism.

Recommended Preparation: Women's Studies 1172 or any first year history course.

**HIST 2210 – Travel Studies in Canadian History**

(3 credits – TG) 3 hours lecture

Themes and course content will vary, but may include topics such as the settlement of the west, the military history of Canada, Aboriginal/European relations, urban history, and Canadian cultural history. This course will include at least one multi-night field trip to sites in Canada.

Recommended Preparation: History 1131 and/or 1133.



Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

HIST 2212 – Travel Studies in American History

(3 credits – TG) 3 hours lecture

Themes and course content will vary, but may include topics such as the Revolutionary War, the American Civil War, Aboriginal Peoples of the United States, urban history, and American cultural history. This course will include at least one multi-night field trip to sites in the United States.

Recommended Preparation: History 1117 and/or 1119.



Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

HIST 2213 – Travel Studies in European History

(3 credits – TG) 3 hours lecture

Themes and course content will vary, but may include topics such as the two World Wars, religion and the state, social history, and European cultural history. This course will include at least one multi-night field trip to sites in Europe.

Recommended Preparation: History 1101 and/or 1103.



Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

HIST 2215 – History of the People of the Plains: Treaty 7 Field Course

(3 credits – TG) 3 hours lecture

This course examines the history of the Native peoples in what is now southern Alberta. Topics include Nations prior to European contact, the events leading to Treaty Seven, and the impact of Treaty Seven on First Nations. This course combines lectures in a traditional classroom setting with a week-long experiential field study component.

Note: Students will be responsible for paying all costs, including travel, associated with the field trip.

**HIST 2216 – The American Revolutionary Era**

(3 credits – TG) 3 hours lecture

This course is an examination of the creation of the American Republic from 1763 to 1800. Students will understand how thirteen of the English colonies in America rebelled against colonial authority, fought for independence, formed a new nation, and attempted to secure its existence.

Recommended Preparation: History 1117.

**HIST 2220 – The United States as a World Power, 1898-1991**

(3 credits – TG) 3 hours lecture

This course is an examination of the emergence of the United States as a major world power from the Spanish-American War to the end of the Cold War. Students will study and understand key events, trends, and policies as well as the people who shaped foreign policy during this period.

Recommended Preparation: History 1119.



HIST 2229 – Early Modern Europe, 1453-1789

(3 credits – TG) 3 hours lecture

This course explores the social, political, and cultural history of Europe from the Renaissance to the eve of the French Revolution. Social and cultural changes are considered within the contexts of religious innovation and conflict, the development of capitalism, the rise of the modern state, and the impacts of global exploration and colonialism.

**HIST 2232 – Canadian Social History**

(3 credits – TG) 3 hours lecture

This course focuses on the history of Canadians in a number of spaces such as home, workplace and recreational settings. A variety of topics such as religion, education, health, crime and punishment, the arts, and popular culture may be examined, as may issues such as race and ethnicity, gender and sexuality, regional identity and class.

Recommended Preparation: History 1131 or 1133.

**HIST 2237 – Modern European Intellectual History**

(3 credits – TG) 3 hours lecture

This historical survey covers the ideas and thinkers of the period 1800-1930 that shaped the modern twentieth century world-view.

Recommended Preparation: Any 1000-level History course.

**HIST 2239 – European Nationalism in the Age of the Nation-State**

(3 credits – TG) 3 hours lecture

This course examines the history of nationalism in Europe between 1780 and 1990. Two separate but related themes will be pursued: how the nation-state emerged as the dominant form of geopolitical organization in Europe, and how nationalism confronted and was adapted to circumstances and rival ideologies. Topics may include popular sovereignty and nationalism in revolutionary and Napoleonic Europe liberal nationalism; the Vienna settlement and the revolutions of 1848; the unification of Italy and Germany; the decay of Europe's multi-national empires; racism, anti-Semitism, and national identity; nationalism and totalitarianism; communism and the nationality question; internationalism since 1945.

**HIST 2241 – Britain and its Empire in the Nineteenth Century**

(3 credits – TG) 3 hours lecture

This course will examine the history of Great Britain and its Empire in the nineteenth century. Beginning with the struggles against Revolutionary and Napoleonic France, and ending with the death of Queen Victoria in 1901, the course will examine Britain's development as the world's leading industrial and imperial power, and the political, social and cultural changes associated with Victorianism. The central themes of the course may include reform and repression in British political life; responses to industrialization; Victorian thought and culture; and the changing face of imperial development.

**HIST 2243 – Europe in the Nineteenth and Twentieth Centuries**

(3 credits – TG) 3 hours lecture

This course examines the history of Europe between 1789 and 1989. This period is distinguished by transformations in virtually every area of human life; the creation and destruction of a European dominated world order; the rise, spread and collapse of communism; increasingly destructive spasms of organized violence; and ongoing efforts at collective identity formation.

**HIST 2247 – Canada's Frontier: the History of the West**

(3 credits – TG) 3 hours lecture

This course analyzes the West as a distinct region within Canada and in Canadian history. Topics may include: Native peoples, European exploration and settlement, immigration, rural and urban society, social and political protest/reform, the New West, regionalism, political movements, and gendered experience.

Recommended Preparation: History 1131 and/or 1133.

**HIST 2255 – Immigration, Ethnicity, and Race in the United States**

(3 credits – TG) 3 hours lecture

This course studies the ways immigrants to the US and their descendants created and preserved community and identity at work, in politics, and in social relations. The course also examines the ways dominant groups responded to immigration and migration. The creation of and changes in racial and ethnic identities are central themes of the course.

**HIST 2263 – Conflict and Society in the Twentieth-Century**

(3 credits – TG) 3 hours lecture

This course examines the role of conflict in society during the twentieth-century. It will focus on the ideas that produced social and political upheaval and the impact of this upheaval on various groups. Specific themes and topics to be addressed include the Great War; democracy, fascism and communism in the interwar period; Nazism and the "Final Solution"; the Cold War; competing nationalisms, genocide and contemporary civil wars.

**HIST 2271 – Latin America Before Independence**

(3 credits – TG) 3 hours lecture

This course is an introduction to the history of colonial Latin America. Topics will include the process of conquest, the development of imperial bureaucracies to facilitate control, and the nature of everyday life within the colonies. The course will conclude with an assessment of Latin America's wars of independence.

**HIST 2273 – Latin America After Independence**

(3 credits – TG) 3 hours lecture

This course is an introduction to the history of Latin America after Independence. It will trace two centuries of volatile change within a region encompassing twenty unique republics. Among the topics to be explored are chronic militarism, uneven economic development, and ongoing struggles for social justice.

**HIST 2291 – Film and History**

(3 credits – TG) 3 hours lecture

This course examines film as a historical document. Films are a valuable source of social, cultural and intellectual history, as well as historical continuity and change. Themes addressed may include: collective memory; documentary films versus fictional films; war and film; issues of gender; race, ethnicity and representation of minority groups; class; sexuality; and film as a source of propaganda.

Recommended Preparation: Any one of History 1101, 1103, 1131 or 1133.



HIST 3201 – Crime, Punishment and Social Control in Pre-Modern Europe

(3 credits) 3 hours lecture

This course explores the ongoing attempts by dominant institutions in pre-modern Europe to exert control over the behaviours, thoughts and acts of their subjects, and interrogates how individuals and collectives responded. Topics might include the relationship between justice and law, crime, punishment and enforcement, social deviancy, marginalization, heresy and witchcraft, suffering, and violence.



HIST 3306 – Making the Mosaic: Race and Ethnicity in Canada

(3 credits – TG) 3 hours lecture

This course examines the experience and meanings of race, ethnicity, and immigration in Canadian history. Themes may include Aboriginal/European relations, the settlement of the west, law and race, discrimination, urban history, multiculturalism, and the politics of immigration.

Recommended Preparation: History 1131 and/or 1133.



HIST 3318 – Deviance and Conformity: the History of the Canadian Institutional State

(3 credits – TG) 3 hours lecture

This course examines the extension and consolidation of state authority through the intellectual, social, and cultural history of various institutions in Canada. Topics might include asylums, medicine, prisons, reserves, and education. Special attention is paid to how concepts like health, ethnicity, class, learning, and sanity were constructed to serve the interests of the state.

Recommended Preparation: At least one of History 1131, 1133, 2205, 2207, or 2232.



HIST 3319 – Conflict and Violence in Canadian History

(3 credits – TG) 3 hours lecture

This course examines conflicts and violent events in Canadian history and how they have shaped Canadian society. It takes a case study approach to the problem, and themes may include relations between labour and capital, French/English relations, nativism and immigration, racial/ethnic/gendered violence in society, Native/ newcomer relations, and the impact of war on society.

Recommended Preparation: History 1131 and/or 1133.



HIST 3329 – The Witch trials of Early Modern Europe

(3 credits – TG) 3 hours lecture

Between 1450 and 1700 Europe experienced many trials and executions on the charge of diabolical witchcraft. This course focuses on the origins, intellectual foundations, historical development, and eventual decline of the trials. The course also examines the overlap between issues of religion, law, gender, the history of science, and social relations in early modern Europe.

Recommended Preparation: History 1103 or 2229.



HIST 3333 – The Renaissance

(3 credits – TG) 3 hours lecture

This course explores the intellectual and cultural developments known as “the Renaissance” within the social, economic and political contexts of Europe in fourteenth and fifteenth-century. Students will study a wide range of contemporary sources to examine the values and beliefs of people who created or reacted to humanism and the reshaping of their societies by the emergence of modern capitalism, the discovery of new worlds, and the advent of a revolutionary information technology: printing. The work of modern historians will be used to illuminate and contextualize the developments in this period, as well as to demonstrate the range of critical perspectives that have been applied to it.



HIST 3335 – The Reformation

(3 credits – TG) 3 hours lecture

This course examines social, political and religious trends in European history from the mid-fifteenth to early seventeenth century. It focuses in particular on the changes that occurred in European religious life in this period, collectively referred to as the Reformation.



HIST 3336 – Topics in European History

(3 credits – TG) 3 hours lecture

This course offers the opportunity to examine selected themes in European history. The specific content of the course will vary by term and instructor. Possible topics include the French Revolution, the culture of coffeehouses, history of alcohol, consumer culture, history of the book, science and society, and Gregorian England.



HIST 3343 – Resistance and Resilience: Native Peoples in the United States

(3 credits – TG) 3 hours lecture

This course surveys the diverse histories of Aboriginal groups in what is now the United States from the pre-contact era to the present day. Emphasis will be placed upon the relationship between Native peoples and the newcomers they encountered, and the struggle of Native peoples to retain their cultures and autonomy while dealing with significant changes.



HIST 3345 – First Nations in Canada: Co-operation, Coercion and Confrontation

(3 credits – TG) 3 hours lecture

Survey of the diverse histories of the various First Nations groups in what is now Canada. Emphasis will be placed upon the relationship between Native peoples and the French, British and Canadian governments.



Recommended Preparation: Any junior-level history course.

HIST 3346 – Indigenous People in Latin America

(3 credits – TG) 3 hours lecture

This course is an introduction to the history of Latin American indigenous societies. Themes to be explored include native resistance and collusion with Iberian conquest efforts, the resilience of indigenous cultures in the face of coercive change, and the robust revival of the region's indigenous populations in the recent past.



HIST 3356 – Topics in Canadian History

(3 credits – TG) 3 hours lecture

This course offers the opportunity to examine selected topics in Canadian history. The specific content of the course will vary by term and instructor. Possible topics include political culture, popular culture, French Canada, Canada-US relations, or military history.

Recommended Preparation: History 1131 and 1133.



HIST 3357 – Topics in American Culture

(3 credits – TG) 3 hours lecture

This course provides an introduction to themes in American cultural history. Each semester a different topic will be chosen for study. For instance, the history of public amusement, history of sexuality and African American culture.

**HIST 3358 – People, Ecosystems, and Natural Resources in American History**

(3 credits – TG) 3 hours lecture

This course examines the ways Americans have utilized the environment to meet their wants and needs, as well as the ways in which the environment has shaped society. Students will study primary documents and historians' accounts to understand this complex relationship from multiple perspectives. Potential topics include industry, agriculture, cities, energy, reform movements, and invasive species.

**HIST 3361 – The Holocaust**

(3 credits – TG) 3 hours lecture

This course examines the causes, course and consequences of the Holocaust – the mass murder of European Jewry (and others) by the Nazi State during World War II. The roles of victims, perpetrators, bystanders, rescuers, and survivors will be explored, as well as post-war “collective memory” and Holocaust “representation”.

Recommended Preparation: Any one of History 1103, 2237, 2243, or 3365.

**HIST 3365 – World War II**

(3 credits – TG) 3 hours lecture

This course examines the origins, conduct and consequences of the Second World War. It focuses particularly on the experience of ordinary participants, including front-line soldiers, civilians on the home front, prisoners of war, members of resistance movements and collaborators in occupied Europe. In addition to explaining the events of the war itself, the course will examine how the conflict is remembered in North American popular culture.

**HIST 3373 – World War I**

(3 credits – TG) 3 hours lecture

This course examines the origin, conduct and consequences of the First World War. The focus of study will include the nature of warfare at the beginning of the 20th century as well as the social, economic and political changes affected by the war. In addition to examining the events of the war, the way that war has been represented culturally and intellectually will be addressed.

Recommended Preparation: History 1103.

**HIST 3383 – History of Religion in Canada**

(3 credits – TG) 3 hours lecture

This course explores diverse religious experiences in Canada from a historical perspective. Themes may include missionary activity and cultural conflict, relations between church and state, the impact of religion on gender, class, and racial identities, as well as the role of religion in social and political change.

Recommended Preparation: History 1131 and 1133.

**HIST 3385 – Religion, War, and Society in Europe, 1558-1714**

(3 credits – TG) 3 hours lecture

This course takes a comparative approach to the study of the political and social development of France and Britain in the later Sixteenth and Seventeenth Centuries. It considers how the development of the state and society were shaped by fierce religious conflicts and profound economic and cultural change. The course encompasses various key subjects in this period including the reign of Elizabeth I, the French Wars of Religion, the British Civil Wars, the Frondes, Oliver Cromwell and the English republican experiment, Louis XIV and the expansion of the French state, and the beginnings of a British constitutional monarchy in the Revolution of 1688-89.

**HIST 3802 – Public History Field Experience**

(3 credits – TG) 3 hours lab

This course is an opportunity for history majors to have a supervised, hands-on learning experience in the field of history. Students will perform meaningful work at a historical agency, museum, archive, or other institution dedicated to the study and interpretation of history, historic preservation, and/or heritage resources.

Prerequisites: History 1100 and History 2202 and approval of the Humanities Department

Note: Course availability will vary from term to term and admittance to the course is competitive. History faculty will work with local institutions to arrange placements. To obtain Department approval to enroll in the course students must complete an application form available from the History B.A. Advisor and the student must have a minimum GPA of 2.5 for the last 20 courses completed. Applications are due June 1 for the upcoming Fall term and October 1 for the upcoming Winter and Spring terms.

HIST 4401 – Special Topics in War and Society

(3 credits – TG) 3 hours lecture

This course provides students with the opportunity to focus on a particular theme from the field of war and society in a seminar environment. Topics might include the development of military medicine, the Holocaust, technology and warfare in the 20th century, literature and war, or war on the home front.

Prerequisites: History 2202 and one of 1100, 1101, 1103, 1111, 1117, 1119, 1131, or 1133.

Recommended Preparation: At least one 3000 level History course.

**HIST 4402 – The Age of Enlightenment**

(3 credits – TG) 3 hours Lecture

This course examines the Enlightenment through reading and discussion of primary documents and historians' debates. Emphasis will be placed on interpretations of the Enlightenment and analyzing what impact it made on later generations. Possible topics include Enlightenment or Enlightenments; British Enlightenment; Enlightenment bodies; and religion in the Enlightenment.

Prerequisites: History 2202, and 1103 or 2229.

**HIST 4403 – Landmarks in the History of Science**

(3 credits – TG) 3 hours lecture

This course examines major events in the history of science through reading and discussion of primary documents and historians' debates. Emphasis will be placed on appreciating science as a product of the past culture which produced it. Possible topics include the Scientific Revolution; Darwinism; science and society; and the popularization of science.

Prerequisites: History 2202, and one of History 1101 or 1103 or 2229.



HIST 4404 – Topics in Canadian Social History

(3 credits – TG) 3 hours lecture

This course offers students an opportunity for advanced study in the social history of Canada. Topics may include labour, immigration, religion, family, First Nations, women, health, and social welfare.

Prerequisites: History 2202 and one of History 1131, 1133 or 2232.

**HIST 4405 – Special Topics in Public History**

(3 credits – TG) 3 hours lecture

This course provides students with an introduction to the practice of history in a variety of venues such as museums and historic sites. The course will expose students to the skills, methods and techniques utilized by public history practitioners. Topics may include archives, electronic media, curatorial authority, controversies, First Nations peoples, tourism, and cultural heritage.

Prerequisites: History 2202 and one of History 1101, 1103, 1111, 1117, 1119, 1131, or 1133.

HIST 4411 – The American Civil War and Reconstruction

(3 credits – TG) 3 hours lecture

This course is an exploration of the rise of sectional conflict, the Civil War, Reconstruction, and the ways in which Americans have remembered these events. Topics include slavery, political conflict, strategy and tactics, the home front, race, Reconstruction and reunion, and the role of the media in shaping popular conceptions of history.

Prerequisites: History 1117 and 2202.

**HIST 4451 – The History of British North America**

(3 credits – TG) 3 hours lecture

This seminar examines the British North American colonies and territories from the eighteenth through to the nineteenth century. Emphasis is placed on social and economic developments and on the growth of the colonial state. Topics may include the fur trade, colonialism, and migration, as well as such themes as race, sexuality, gender, and family.

Prerequisites: History 1131 and 2202.

**HIST 4455 – Canada in the Era of the Cold War**

(3 credits – TG) 3 hours lecture

This advanced seminar course focuses on the social, political, and cultural history of Canada from 1945 to 1991. Themes include Canadian defence, nuclear weapons, foreign policy, espionage, domestic and international politics, the development of social programs, and Canadian culture.

Prerequisites: History 2202 and one of History 1131, 1133, or 2232.

**HIST 4461 – Limits of Representation: Holocaust and Memory**

(3 credits – TG) 3 hours lecture

The Holocaust changed the historical, political and cultural landscape, and this course will help students understand how society remembers and historicizes this event. In this senior seminar course, students engage with primary documents such as published and unpublished survivor testimony, historical and contemporary novels and films and other representations of this traumatic event.

Prerequisites: History 2202 and 3361.

**HIST 4486 – The Industrial Revolution**

(3 credits – TG) 3 hours lecture

This course examines the origins, spread and consequences of the Industrial Revolution in Europe between 1750 and 1900. The course is intended to provoke informed reflection on the important changes produced by the transition to the industrial age, with particular emphasis on developments in England where the Industrial Revolution first began.

Prerequisites: History 2202 and one of History 1103, 2241 or 2243.

**HIST 4731 – Topics in American History**

(3 credits – TG) 3 hours lecture

This course offers students an opportunity for advanced study in American history. Topics may include technology, social history, institutions, labour, politics, a particular time period such as the colonial era, or regional focus such as the American South or West.

Prerequisites: History 2202 and one of History 1117 or 1119.

**HIST 4732 – Topics in the History of the Americas**

(3 credits) 3 hours lecture

This course provides advanced study in the history of the Americas. Topics may include piracy, inter-American affairs, colonial institutions, slavery, politics, or a particular time period such as the conquest era or the struggles for independence, or a regional focus such as the Caribbean basin, the Guianas, the Southern Cone, Bermuda, Aruba, Brazil, or Mexico.

Prerequisites: History 2202 and one of History 2271 or 2273.

HIST 4733 – Advanced Topics in European Social and Cultural History

(3 credits) 3 hours lecture

This seminar course provides students with an opportunity for advanced study in European social and cultural history. Possible course themes include: medieval political culture; violence and society in the Middle Ages; crime and morality in Georgian England; opium and alcohol in early modern Europe; race and society in modern Europe or colonialism and Europe's "others."

Prerequisites: History 2202 and one of History 1101 or 1103.

**HIST 5110 – Honours Project I**

(3 credits) 3 hours lecture

Required for all students in the Honours stream, History 5110 is an advanced seminar course that provides students with the practical skills and knowledge necessary to develop their Honours project (History 5120), a substantial piece of independent research.

Prerequisite: History 2202.

Note: This course is restricted to students who have completed 30 courses towards the B.A. and who are officially accepted and enrolled in the History Honours Program. This course is offered only in the Fall semester.

HIST 5120 – Honours Project II

(3 credits) 3 hours lecture

Required for students in the Honours stream, History 5120 is an independent study course in which students research, write and present an Honours project, a substantial piece of original research. The project will be conducted under the direction of a faculty supervisor.

Prerequisite: History 5110.

Note: This course is restricted to students in the final year of their program who are officially accepted and enrolled in the History Honours Program. This course is only offered in the Winter semester.

HIST 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

HEALTH STUDIES (HLTH)**HLTH 1117 – Canadian Health Care System, Culture and Context for Internationally Educated Health Care Professionals**

(3 credits) 3 hours lecture

This course is designed to introduce internationally educated health professionals to the context and culture of the Canadian health care system. Overarching themes of patient-safety, communication and interprofessionalism are the focus of this course.

Prerequisite: English proficiency requirement measured at a Canadian Language Benchmark of 6. Proof of professional status as a health care professional.

HLTH 1213 – Health, Safety and Nutrition**(3 credits) 3 hours lecture**

This course is designed to provide the student with basic knowledge and skills in the health maintenance of the child up to six years of age. Concepts inherent in health maintenance include the nutritional, physical and emotional needs and problems of the developing child. Principles of child safety and the impact of hospitalization are also included.

**HLTH 2250 – Research for Practice in Health and Community Studies****(3 credits) 3 hours lecture**

In an interdisciplinary environment, students will have an opportunity to broaden their spirit of professional inquiry. Learners will be able to describe knowledge and ways of knowing, how knowledge is generated, sources of evidence, methods of appraisal, and how this evidence informs one's professional practice. Using a combination of classroom discussion, small group and project work, students across disciplines will study research designed to illuminate areas of collaborative health and community practice.

HLTH 2301 – Wellness and the Student: From Personal Health to Community Action (formerly GNED 2301)**(3 credits) 3 hours lecture**

This course provides an introduction and overview to aspects of holistic health and wellness and highlights strategies for promoting well-being. Utilizing a mix of theory and application, students will gain an understanding of individual well-being and the interconnectivity between individual well-being and the well-being of families and communities. Students will also explore community actions that impact health and well-being.

**HLTH 3101 – Professional Communication Skills for Nurses****(3 credits) 3 hours lecture (Blended Delivery)****Half of Semester (6 weeks)**

This course is designed to focus on the elements of therapeutic communication skills for Internationally Educated Nurses (IEN's). This course will include effective initiation of a professional relationship, trust-building and therapeutic responding to patients and family members. In addition, this course will examine formation of collaborative partnerships with other health care professionals, assertive communication principles dealing with conflict and sensitivity to diversity and cultural influences.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements.

HLTH 3103 – Professional Nursing In Canada**(3 credits) 3 hours lecture (Blended Delivery)****Half of Semester (6 weeks)**

This course is designed to familiarize Internationally Educated Nurses (IENs) with professional concepts, issues and practices in nursing. It provides an opportunity for IENs to understand the scope of practice of nurses in Canada and have an opportunity to examine entry to practice competencies, standards of practice, ethical and legal issues. The concepts of health promotion, illness and injury prevention, determinants of health, primary health care and population health promotion are key components to this course and will provide the IEN with the opportunity to understand the Canadian health care system and the nurse's role within an interprofessional approach.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements.

HLTH 3105 – Health Alterations and Therapeutics I**(3 credits) 3 hours lecture (Blended Delivery) (6 weeks)**

This course precedes HLTH 3211 – Health Alterations and Therapeutics II. This course provides opportunity for International Educated Nurses (IENs) to acquire knowledge and skills for the purpose of developing clinical reasoning, to provide nursing care for a diversity of individuals experiencing alterations in health, using health promotion approaches and resources. IENs will integrate client concerns, with associated pathophysiology, pharmacological therapeutics, and nursing therapeutics.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements.

HLTH 3107 – Professional Nursing Health Assessment**(3 credits) 1 hour lecture (Blended Delivery), 2 hours lab (Blended Delivery)****Half of Semester (6 weeks)**

This course will focus on preparing Internationally Educated Nurses (IENs) with the theory, reasoning and skills needed to complete a holistic health assessment. IENs will utilize a health promotion approach when conducting a health history in order to identify health alterations and integrate health promotion opportunities. IENs will conduct a holistic health assessment using clinical reasoning to determine priorities and appropriate care measures.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements.

HLTH 3109 – Health Assessment Workshop**(1 credit) 16 hours lab (8 hrs Lab per day over a two day period)****2 day course**

This course provides Internationally Educated Nurses (IENs) with a holistic approach to health assessment. It includes a self study module, review of health assessment materials, and a two day workshop to facilitate the application of health assessment skills. This course is different than HLTH 3107 – Professional Nursing Health Assessment as it is a two day condensed and focused review of a holistic health assessment.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements.

HLTH 3211 – Health Alterations and Therapeutics II**(3 credits) 3 hours lecture (Blended Delivery) (6 weeks)**

This course is a continuation of HLTH 3105 – Health Alterations and Therapeutics I. This course provides opportunity for International Educated Nurses (IENs) to acquire knowledge and skills for the purpose of developing salience, clinical imagination and clinical judgment, and to provide nursing care for a diversity of individuals experiencing alterations in health, using health promotion approaches and resources. IENs will integrate client concerns, with associated pathophysiology, pharmacological therapeutics, and nursing therapeutics.

Prerequisite: English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements and Health 3105.

HLTH 3217 – Professional Nursing in Family Newborn**(1 credit) 3 hour lab (Blended Delivery)****(4 Week course)**

This course provides Internationally Educated Nurses (IENs) with a family centered approach in promoting health and identifying the health needs and nursing care for childbearing families during prenatal, birthing and post birthing stages. IENs will examine effective family centered care considering health promotion, illness/injury prevention, clinical reasoning, advocacy, forming of collaborative relationships and importance of inter-professional partnerships.

Prerequisite: Pre English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements. Health 3101, 3103, 3105, 3107, 3211, 3313 and 3415 if required by CARNA.

HLTH 3219 – Professional Nursing in Child Health

(1 credit) 3 hours lab (Blended Delivery)

4 Week Course

This course provides Internationally Educated Nurses (IENs) with a family centred approach in promoting health, and providing holistic, individualized care for children and their families. IENs will examine effective family centered care considering health promotion, illness/injury prevention, clinical reasoning, advocacy, forming of collaborative relationships and the importance of interprofessional partnerships.

Prerequisite: Pre English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements. Health 3101, 3103, 3105, 3107, 3211, 3313 and 3415 if required by CARNA.

HLTH 3221 – Professional Nursing in Mental Health

(1 credit) 3 hours lab (Blended Delivery)

(4 week course)

This course provides Internationally Educated Nurses (IENs) with a holistic, health promotion approach to learning mental health concepts and nursing roles in caring for adults and families experiencing acute and chronic mental illness. IENs will examine effective family centered care considering health promotion, illness/injury prevention, clinical reasoning, advocacy, forming of collaborative relationships and importance of inter-professional partnerships.

Prerequisite: Pre English proficiency requirement measured at a CLB of 8 and/or CARNA's current CELBAN or IELTS requirements. Health 3101, 3103, 3105 and 3107 if required by CARNA.

HLTH 3302 – Wellness and the Student: From Community Health to Global Action (formerly GNED 3302)

(3 credits) 3 hours lecture

This course introduces how personal wellness impacts family and community health and highlights strategies for promoting global well-being. Utilizing a mix of theory and application, students gain an understanding of the interconnectivity of family and community well-being to global health. Students also explore individual, community and global actions that impact global health and wellbeing.

**HLTH 3313 – Professional Nursing Skills**

(1 credit) 3 hours lab (Blended Delivery) (4 weeks)

This course provides Internationally Educated Nurses (IENs) the opportunity to review and apply nursing skills within the context of simulated client care with a holistic perspective. This course must immediately precede HLTH 3415 – Professional Clinical Practice. The IEN will be able to practice psychomotor skills, learn about documentation, terminology, have and review math for medications. In the safety of a lab environment, simulated experiences will be used to challenge the IEN to demonstrate the skills while integrating nursing knowledge, assessment, clinical reasoning, and communication skills while providing a professional nurse/client relationship.

Prerequisites: Any core Bridge to Canadian Nursing (BCN) theory courses as required by CARNA (Health Studies 3221, 3217 and 3219 are not considered core BCN courses). Must be and remain current in CELBAN or IELTS as required by CARNA up to the start date of Health 3415.

HLTH 3415 – Professional Clinical Practice

(3 credits) 193 hours practice experience (6 weeks)

This is a clinical practicum that provides Internationally Educated Nurses (IENs) with nursing practice experience in caring for adult clients who are experiencing increasingly complex health/illness situations. This course occurs over half of a semester and is a continuation of HLTH 3313 – Professional Nursing Skills. This course is designed to provide integration of professional knowledge, clinical reasoning, reasoning skills, communication skills and values within the context of the Canadian health care system. Emphasis is on furthering understanding of professional nursing practice and registered nursing scope of practice in order for IENs to make a successful transition to professional nursing in Canada.

Prerequisites: English proficiency CARNA's current CELBAN or IELTS requirements and Health 3313 and any core Bridge to Canadian Nursing (BCN) theory courses as required by CARNA (Health 3221, 3217, 3219 are not considered core BCN courses).

HLTH 4001 – The Nature of Adult Mental Health Nursing Practice

(3 credits) Distance Delivery

This course provides current frameworks and models to guide the scope of the licensed practical nurse role within the mental health care system. It will include an exploration of the trends, issues, and legislation that influence mental health nursing practice.

**HLTH 4002 – Developing Scholarship of Clinical Education**

(3 credits) 3 hours lecture

The intent of this course is to develop the theoretical and practice knowledge base needed by the Clinical Teacher to be an effective clinical educator for Licensed Practical Nurses in the development of their practice.

Prerequisite: Approval of department Chair.

HLTH 4003 – Competencies for Mental Health Nursing Practice

(3 credits) Distance Delivery

This course enhances licensed practical nurse competencies for mental health nursing practice. Particular emphasis is placed upon concepts such as risk assessment, crisis response, client education, relational communication, and ethical practice.

Prerequisite: Consent of the department Chair.

**HLTH 4005 – Mental Health Concerns, Disorders and Interventions**

(3 credits) Distance Delivery

This course focuses on the client's unique experience in living with mental health concerns/disorders. The role of the licensed practical nurse in client-centered, supportive interventions and treatment modalities, including medications will be explored.

Prerequisite: Consent of the department Chair.

**HLTH 4462 – Integrative Healing Practices in Nursing**

(3 credits) 3 hours lecture

This course explores a variety of healing paradigms using an interactive, participative and experiential design. The student will have frequent opportunities to discuss reactions, raise questions and critically analyze current integrative health practices. Students will integrate and apply research-based practice when examining integrative healing practices related to bodywork, mind-body practices, energy therapies, biological, orthomolecular and herbal therapies.

Pre or Co-requisites: For Bachelor of Nursing students - Nursing 3102 and 3104.

Co-requisite: Nursing 4111 and 4112.

Note: The course is normally limited to students currently enrolled in the 4th year of the Bachelor of Nursing program. Other students need approval of department Chair.

**HLTH 1399 – Directed Readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

HUMAN RESOURCES (HRES)**HRES 2170 – Introduction to Human Resources**

(3 credits – TG) 3 hours lecture

This course will introduce students to the various elements of Human Resources management. In addition to the functional areas within HR, students will focus on the legal, ethical, and strategic HR management issues. Contemporary HR issues will also be discussed.

Note: Only one of Entrepreneurship 2237 and Human Resources 2170 can be used to satisfy program requirements.

HRES 3274 – Recruitment & Selection**(3 credits – TG) 3 hours lecture**

This course provides students with the knowledge and skills to design and implement strategic recruitment and selection initiatives. Topics include: analyzing and developing job requirements, legal considerations, identifying sources of applicants, screening mechanisms, testing methods, and effective interviewing techniques. Students will take part in interview simulations in order to enhance their skills in this area.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

HRES 3275 – Compensation & Benefits**(3 credits – TG) 3 hours lecture**

This course provides students with an overview of direct and indirect compensation theory and practices within the Canadian business environment. Students will explore the design, implementation, and management of compensation and benefits systems, and how these align with an organization's overall vision. Current practices that link total rewards and employee attraction, retention, and motivation will also be discussed.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

HRES 3277 – Organizational Learning and Development**(3 credits – TG) 3 hours lecture**

This course provides students with the theoretical constructs as well as practical elements for assessing, designing and developing learning initiatives from a broader organizational and strategic perspective. Areas of examination in this course include an overview to strategic learning and development within organizations, building a learning culture, as well as assessing what type of learning and development interventions can be introduced to address individual and organizational performance.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

HRES 3278 – Employee Relations**(3 credits) 3 hours lecture**

This course provides students with the theoretical constructs as well as practical elements for engaging in effective employee relations. Practical areas of examination in this course include an overview to effective employee relations within organizations, recognition strategies to maintain an engaged work force, how prevailing attitudes affect good employee relations, managing conflict and diversity as well as coping with change. It also provides an overview to the role of coaching in performance management.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

HRES 4273 – Labour Relations**(3 credits – TG) 3 hours lecture**

This course examines the current state of industrial and labour relations within Canada. Applicable legislation will be discussed, and students will review the terms and conditions contained within collective agreements. The roles and impacts of unions, both within organizations, and within Canadian society will be explored. Students will take part in a bargaining simulation in order to develop their knowledge and skills in this area.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

HRES 4407 – Transition Management**(3 credits) 3 hours lecture**

This course provides students with an understanding of how HR professionals effectively identify, guide, and implement changes within an organization. Topics include: change agents, barriers to change, and employee communication strategies during times of transition. Students will explore the concept of coaching employees through transitions, and effectively aligning change to an organization's strategic intent.

Prerequisite: Management 3276.

HRES 5101 – Strategic Human Resources Management**(3 credits) 3 hours lecture**

This course is an examination of the overall role and functions of human resource management in relation to an organization's strategic planning process. Students will explore how to manage human resources effectively in the dynamic legal, social, and economic environment currently challenging organizations. The emphasis will be on the methods in which typical HR activities, e.g., recruitment & selection, and compensation & benefits align with the organization's goals and objectives.

Prerequisites: Finance 3227, Human Resources 3275, Management 2130 or 2131 or Entrepreneurship 2201, Management 3276 or Entrepreneurship 4431 or 4461, Marketing 2150.

HRES 2299, 3399 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

HUMANITIES (HUMN)**HUMN 1109 – Western Culture I: Before the Reformation****(3 credits – TG) 3 hours lecture**

This course surveys the development of Western cultural experience from its origins in Ancient Greece (circa 800 BCE – 323 BCE) to the end of the Middle Ages (circa 1500 AD). Although the course employs an historical framework, its overall approach is interdisciplinary, drawing on the findings of archaeologists, classical scholars, philosophers, art historians, literary critics as well as historians of the Ancient World and the Medieval World.

**HUMN 1111 – Western Culture II: Since the Reformation****(3 credits – TG) 3 hours lecture**

This course surveys the development of the Western cultural experience from the Reformation (circa 1500 AD) to the present. Although the course employs an historical framework, its overall approach is interdisciplinary, drawing on the insights of artists, poets, novelists, musicians, philosophers, and scientists, as well as historians of the Early Modern and Modern periods of Western culture.

**HUMN 2201 – Outstanding Lives****(3 credits – TG) 3 hours lecture**

This course provides an interdisciplinary study of the original works of significant thinkers from the areas of the arts, fine arts, science, religion and politics. Each semester a different individual or individuals are the focus of study.

**HUMN 2219 – Ancient Greece (800 BCE – 323 BCE)****(3 credits – TG) 3 hours lecture**

This course provides a comprehensive introduction to the history and culture of Ancient Greece (circa 800 BCE – 323 BCE). The course employs an interdisciplinary approach, examining the mythology, religion, history, politics, philosophy, science, art and literature of this ancient culture that has often been seen as the cradle of Western civilization.

Recommended Preparation: History 1101.



Note: Humanities 2219 = Athabasca University HUMN 309. Credit will be allowed for only one of Humanities 2219 and HUMN A309.

HUMN 2221 – Science and Religion in Early Modern Europe

(3 credits – TG) 3 hours lecture

This course explores the tremendous changes that occurred in science and religion between 1450 and 1700. In particular, it looks at the reasons that religion and natural science split apart into separate institutions during the Renaissance and the Scientific Revolution. Topics such as authority and belief, the earthly and heavenly realms, the extent of human knowledge, and the relation between humans and nature will be discussed.

Recommended Preparation: One or more of Humanities 1105, 1109, 1111, History 1101, 1103, 3333, 3357, Philosophy 1101, 2215, 2263, 2267, Religious Studies 1101, 2207.



HUMN 2297 – Issues in Science and Religion

(3 credits – TG) 3 hours lecture

This course examines issues of mutual concern for science and religion such as evolution and creation, value and meaning of humanity, exploitation and/or stewardship of life, of the world.



HUMN 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

INTERNATIONAL BUSINESS (INBU)

INBU 2201 – Cross-Cultural Management

(3 credit) 3 hours lecture

This course provides an overview of cross-cultural management practices and examines how culture is expressed through organizational behaviour within the business community in Canada and abroad. In this course students will be exposed to the importance of culture and the nature of cultural diversity in relation to communication, etiquette, motivating employees, and organizational structure.

INBU 3301 – Global Business Environment

(3 credits – TG) 3 hours lecture

This course is an introduction to the field of international business: national economic, political and cultural differences; the issues surrounding globalization; the role of international institutions in facilitating international trade; international trade agreements; the international monetary system; current international business trends and developments. The course will stress Canada's place in the global economy and the challenges Canadian businesses face in doing international business.



INBU 3302 – International Marketing

(3 credits – TG) 3 hours lecture

There are ways to succeed in international marketing and they include understanding who your customers are, what they want and how you can best provide it. International Marketing prepares you to master the challenges of international markets. Topics include domestic versus international marketing, principles of marketing, market research techniques, promotional strategies, pricing, missions and trade fairs and international marketing management.



INBU 3304 – Global Supply Chain Management

(3 credits) 3 hours lecture

Logistics involve the steps taken to get your products to market. Logistics can be a source of competitive advantage; both speed and efficiency of delivery are key elements affecting marketing and financing. In this course, you will learn ways to deliver your product better, cheaper and faster than your competitors. Topics include commercial documentation, government documents, regulatory compliance, health and environment issues, transportation and customs clearance.

INBU 3305 – International Market Entry Strategies

(3 credits) 3 hours lecture

Success in international trade means that your product must get into the hands of prospective customers in the most efficient, safe and cost-effective manner possible. Topics in this course include distribution channels, partnering, barriers to entry, market entry strategies, managing a joint venture, investment-based strategies and exit strategies.

INBU 3306 – International Trade Research

(3 credits) 3 hours lecture

Effectiveness in international trade depends greatly upon developing an in-depth understanding of your target markets International. Trade Research will help you discover how to evaluate import and export opportunities, source market information, analyze data and define research objectives. Topics include Management Information Systems for international trade, using databases, applications of trade research and competitor intelligence.

INBU 3307 – International Trade Law

(3 credits) 3 hours lecture

Gain a clear understanding of international laws and regulations and examine key legal issues that may have implications for your expansion into the global marketplace. Topics in International Trade Law include international business agreements, Canadian contract law, public trade law, international sale of goods and product liability and insurance.

Prerequisite: Management 3230.

INBU 3730 – Special Topics in International Business

(3 credits) 3 hours lecture

This course provides an examination of selected topics in international business, including opportunities in international venues through travel study. As this is a variable content course, the specific topic will be announced each time the course is offered. Students may not receive credit for this course more than once.

INBU 4408 – International Trade Management

(3 credits) 3 hours lecture

The emergence of a global economy has challenged traditional assumptions about management. For companies seeking to penetrate worldwide markets, the skills learned in International Trade Management could mean the difference between success and failure. Topics include sources of market information, international business planning, applications of trade research and competitor intelligence, including benchmarking the competition, building an international work force, operating a trade office and managing international assets.

Prerequisite: International Business 3301, 3302, or consent of the department.

INBU 2299, 3399 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

INTERIOR DESIGN (INDS)

INDS 2010 – Directed Field Studies I

(15 credits)

This course will foster an understanding of the multi-faceted practice of interior design. Through paid work experiences in businesses associated with the design and construction of interior environments, students will apply academic skills and theory acquired in Semesters 1 - 4. The required on-line learning modules provide academic background in sustainable design.

Prerequisite: Interior Studies 3327 and all required 4th semester courses.

INDS 2211 – Design I

(3 credits) 2 hours lecture, 3 hours studio

This course explores the role of design as a human activity and the relationship of design to human behaviour and well-being. Students will develop awareness of human history in the context of design and invention, an understanding of design as effective problem analysis and exploration, and a context and vocabulary for design critique.

Restricted to first year Interior Design students.

INDS 2213 – Design Communication I**(2 credits) 1 hour lecture, 2 hours studio**

Design Communication I introduces drawing as a means of communication. Focus is on the development of freehand drawing skills with various media, including but not limited to, graphite, conte, charcoal, pen and brush with ink. Students will gain sensitivity and expertise with line, play of light, colour, proportion and perspective drawing.

Restricted to first year Interior Design students.

INDS 2221 – Design II**(4 credits – TG) 2 hours lecture, 6 hours studio**

This course is a continuation of Interior Design 2211, and examines design through the application of the elements and principles of visual design in two dimensional and three-dimensional problems. Project and assignment solutions will be derived through application of problem-solving processes.

Prerequisites: Interior Design 2211, 2213, and 2231 with a minimum grade of 'C', or consent of the department.

INDS 2223 – Design Communication II**(2 credits – TG) 1 hour lecture, 3 hours studio**

Skills introduced in Design Communication I will be further developed, practised and refined, with particular emphasis on freehand and technical perspective drawing of interior spaces and principle of layout and composition.

Prerequisites: Interior Design 2211, 2213, and 2231 with a minimum grade of 'C', or consent of the department.

INDS 2225 – Construction I**(4 credits – TG) 2 hours lecture, 6 hours studio**

This course introduces the student to theoretical and practical exercises related to technical problems in architectural and design drawing. Students will establish confidence and familiarity with conventions, methods and applications of orthographic drawing.

Prerequisites: Interior Design 2211, 2213, and 2231 with a minimum grade of 'C', or consent of the department.

INDS 2229 – Lighting**(1 credit) 1 hour lecture**

This course provides a foundation of light theory for the students, as well as techniques to research and specify light sources and fixtures. Students explore and develop an understanding of the impact of light on environmental issues and on the health and safety of individuals.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 2231 – Colour and Light**(2 credits) 2 hours lecture**

This course provides an introduction to the theories of colour and light. It will also look at the relationship of colour and to the materials used in design. Through discussions, exercises and field trips, students will develop awareness of the importance of colour and light in the successful resolution of functional problems of interior spaces.

Restricted to first year Interior Design students.

INDS 2233 – Materials**(1 credit) 1 hour lecture**

This course investigates the properties of basic construction and finishing materials used in the interior environment. Students will learn how to select appropriate materials to satisfy given criteria by implementing a prescribed problem solving process.

Prerequisites: Interior Design 2211, 2213, and 2231 with a minimum grade of 'C', or consent of the department.

INDS 2235 – Universal Design**(1 credit) 1 hour lecture**

Students will develop an understanding of universal design and will be exposed to the physiological, psychological, and social impact that universal design has on diverse populations.

Prerequisites: Interior Design 2211, 2213, and 2231 with a minimum grade of 'C', or consent of the department.

INDS 3010 – Directed Field Studies II**(15 credits)**

This second semester of paid work experience will provide students with practical experience in areas which pertain to their specific interests and skills. Although employment will be coordinated through the Career Services office, students will be encouraged to find their own employment opportunities.

INDS 3301 – Design III**(4 credits – TG) 2 hours lecture, 6 hours studio**

This course builds on core skills and understandings developed during the foundation Interior Design courses. Students are provided with opportunities to learn the theory of residential design and to apply that theory, using a prescribed problem process, to the resolution of both theoretical and practical projects. These projects consider the needs of diverse populations and range from the simple to the complex.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 3305 – Construction II**(4 credits) 2 hours lecture, 6 hours studio**

This course is a continuation of Interior Design 2225. This course emphasizes skill development in the design and construction of architectural woodwork and the preparation of related construction drawings.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 3309 – History of Interiors**(3 credits – TG) 3 hours lecture**

This course explores the development of interior environments and the impact on style of social, cultural, economic and political issues. Students will study the design and development of the historical decorative arts from ancient Egypt to the architecture, interiors and furniture of the twenty-first century.

**INDS 3311 – Design IV****(4 credits – TG) 2 hours lecture, 6 hours studio**

Design IV is a continuation of Interior Design 3301. Students will solve a complex design project with specific programming and design requirements. The students are introduced to commercial design theories, applying them to specific design situations to experience and develop an understanding of the designer's role in creating public spaces. Consideration will be given to populations of diverse age, culture, income, physical abilities, etc.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 3313 – Design Communication III**(2 credits) 1 hour lecture, 3 hours studio**

Students will gain practice in using freehand perspective drawing techniques as a thinking and problem-solving tool, and to enhance their drawing skills for visually communicating finished design solutions.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 3315 – Construction III**(4 credits) 2 hours lecture, 6 hours studio**

This course is a continuation of Interior Design 3305, and focuses on construction materials and methods utilized in the fabrication of both residential and commercial environments, as well as the conventional drawing methods used to convey construction intent.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 3317 – Interior Design Business I**(2 credits) 2 hours lecture**

This course provides an overview of the interior design profession with an emphasis on the associated business principles and practices. Topics include the history of the profession, scope of services, and the allied professions and consultants that support the practice and provides an overview of interior design office operation, its practices and the standard business documents utilized. The emphasis is on ethics and professionalism, responsibilities of the interior designer, communication skills, research development, time management, and employment and entrepreneurial opportunities.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 3323 – Design Communication IV**(2 credits) 1 hour lecture, 2 hours studio**

This course further develops competency in freehand representation of design ideas. Students will enhance their personal styles for visually communicating interior design solutions.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 3327 – Interior Design Business II**(1 credit) 1 hour lecture**

Interior Design Business II is a continuation of Interior Design 3317. Students continue to refine their communication skills, research and information gathering techniques. A major emphasis in this course will be on professional attitude and presentation, marketing and interview skills are addressed such that students are adequately prepared for their first directed field studies.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 3331 – Computer Drafting**(2 credits) 1 hour lecture, 3 hours studio**

This course teaches the basic concepts required for competency in drafting with AutoCAD software. The first portion of the course concentrates on learning the tools for drawing 2-dimensional representations; the final portion focuses on reinforcing these skills and building drawing efficiency.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 3333 – Case Studies in Design**(1 credit) 1 hour lecture**

This course provides an introduction to qualitative research methods used in Interior Design. Research will include case study examination of historical sites, contemporary design installations, and significant architects and designers. Through the research and examination of these case studies the contextual relationships between space, place and time will be investigated.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335, or consent of the department.

INDS 3335 – Building Code and Systems I**(1 credit) 1 hour lecture**

This course provides an introductory overview of the National Building Code (NBC) and the Alberta Building Code (ABC), with a focus on those sections that apply specifically to the design and development of interior spaces. The course will also provide an overview of the systems that govern the design and support the efficacy of the built environment – structure, HVAC, power and communication, plumbing, acoustic, lighting and fire safety systems.

Prerequisites: Interior Design 2221, 2223, 2225, 2233, and 2235 with a minimum grade of 'C', or consent of the department.

INDS 3401 – Rooms in Context: Interior Design Travel Study**(1 credit) 1 hour lecture**

This travel study course examines the 'place' qualities of well-designed interiors and their contextual relationship to a specific space, place, time, and culture. This course is a condensed, site-specific examination of interiors in a city identified as a Centre of Design Excellence.

Prerequisite: Interior Design 3333.

INDS 4401 – Design V**(4 credits – TG) 2 hours lecture, 6 hours studio**

This course is a continuation of Interior Design 3311. Commercial design theory and the factors that affect the function, efficiency and aesthetics of public interiors are addressed. The unique requirements of retail or hospitality design will be explored and the factors affecting the design for diverse populations.

Prerequisites: Interior Design 3311, 3315, 3323, 3327, 3331, 3333, 4435 and 2010 with a minimum grade of 'C', or consent of the department.

INDS 4405 – Construction IV**(4 credits) 2 hours lecture, 6 hours studio**

This course is a continuation of Interior Design 3315, addressing the construction and specification of elements in typical commercial interior environments. Students gain practice in the use of AutoCAD software by producing computer generated construction details related to their design projects.

Prerequisites: Interior Design 3311, 3315, 3323, 3327, 3331, 3333, 4435 and 2010 with a minimum grade of 'C', or consent of the department.

INDS 4407 – Interior Design Business III**(3 credits) 3 hours lecture**

This course, which is a continuation of Interior Design 3317 and 3327, will present the sequence of business activities expedited on a typical design project. Emphasis is on the organizational procedures, information management and supportive documentation required in the design process. Additional topics addressed are ethics, professionalism and communication skills.

Prerequisites: Interior Design 3311, 3315, 3323, 3327, 3331, 3333, 4435 and 2010 with a minimum grade of 'C', or consent of the department.

INDS 4411 – Design VI**(3 credits) 1 hour lecture, 6 hours studio**

This course requires students to independently investigate and research an adaptive re-use project of their own choice. The project provides an opportunity for self-expression, and synthesizes the theory and skills acquired throughout the program.

Prerequisites: Interior Design 4401, 4405, 4407, 4413, 4437 and 3010 with a minimum grade of 'C', or consent of the department.

INDS 4413 – Design Communication V**(2 credits) 1 hour lecture, 2 hours studio**

This course provides instruction in the use of digital media in combination with freehand drawing to represent design ideas.

Prerequisites: Interior Design 3311, 3315, 3323, 3327, 3331, 3333, 4435 and 2010 with a minimum grade of 'C', or consent of the department.

INDS 4415 – Construction V**(2 credits) 1 hour lecture, 3 hours studio**

This course builds on knowledge and skills acquired in Interior Design 4405 and addresses current trends in construction methods and materials in the creation of interior environments. Students will explore alternative methods for presenting construction assemblies based on project work in Interior Design 4411.

Prerequisites: Interior Design 4401, 4405, 4407, 4413, 4437 and 3010 with a minimum grade of 'C', or consent of the department.

INDS 4421 – Design Issues**(2 credits) 2 hours lecture**

Design Issues provides the students with exposure to a broad range of ideas and current issues related to the built environment. It also provides an opportunity for in-depth exploration of a topic of personal interest, and a forum within which to share ideas and research. An excellent opportunity is provided for syntheses of a number of approaches to a design problem.

Prerequisites: Interior Design 4401, 4405, 4407, 4413, 4437 and 3010 with a minimum grade of 'C', or consent of the department.

INDS 4435 – Building Code and Systems II

(1 credit) 1 hour lecture

This course will provide a continuation and expansion on the material covered in Interior Design 3335.

Prerequisites: Interior Design 2229, 3301, 3313, 3305, 3317, and 3335 with a minimum grade of 'C', or consent of the department.

INDS 4437 – Design Theory

(2 credit) 2 hours lecture

This course will look at the ideas impacting the design and interpretation of interior environments. In particular, students will study the social, cultural, technological, and political issues which have influenced, and continue to inform, the design of interior spaces. Students will analyze and respond to the ideas of influential designers, theorists, and architects from the modern period to the present. Starting with the Industrial Revolution, topics such as mass production, craft, ornamentation, spatial organization, taste, style, gender, domestic space and work cultures will be examined.

Prerequisites: Interior Design 3309, 3311, 3315, 3323, 3327, 3331, 3333, 4435 and 2010 with a minimum grade of 'C', or consent of the department.

INDS 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

INSURANCE (INSR)**INSR 2140 – Principles and Practice of Insurance**

(3 credits) 3 hours lecture

The basic concepts and language of insurance are discussed including: the legal context of insurance; the insurance contract and document process; risk; ratemaking and underwriting; the participants in the industry and their relationship to each other; claims process and adjusters; and reinsurance.

INSR 2141 – Insurance on Property

(3 credits) 3 hours lecture

This course provides an introduction to property insurance; basic fire insurance, extended coverage endorsement; Insurance Act Provisions: discussion of perils, and clauses and limitations relating to the most common personal lines policies.

Prerequisite: Insurance 2140.

INSR 2143 – Automobile Insurance

(3 credits) 3 hours lecture

This course provides an introduction to and development of automobile insurance including: legislation related to automobile insurance, policies and regulations with a concentration on personal coverages; claims; industry programs for insurance availability; insurance rating; and specifics of policy coverage in each province.

INSR 2144 – Loss Adjusting

(3 credits) 3 hours lecture

This course provides basic knowledge of insurance and professional conduct within the claims domain: management of relationships relative to the claims handling process; the fundamentals of investigation, evaluation, negotiation and settlement within the claims process.

Prerequisite: Insurance 2140.

INSR 2145 – Insurance Agency

(3 credits) 3 hours lecture

An overview of the insurance business from an agency perspective including: recognition of the needs of personal lines clients and small commercial risks; the progress of a risk assessment from initial client contact through the evaluation and application process, to binding and policy documents; review of major product lines and common policy transactions.

Prerequisite: Insurance 2140.

INSR 3247 – Underwriting Essentials

(3 credits) 3 hours lecture

This course provides an overview of how an underwriter accepts or rejects for the insurer within parameters set by the insurer and imposed by external environmental conditions and includes the study of the characteristics required by an underwriter in the analysis of individual property, liability, and automobile risks.

Prerequisite: Insurance 2140.

INSR 3249 – Liability Insurance

(3 credits) 3 hours lecture

This course provides a review of the Canadian legal system and those legal principles that affect liability insurance. The Commercial General Liability Policy is studied in-depth, including discussion of miscellaneous liability coverage relating to other business liability exposures and underwriting liability exposures.

Prerequisite: Insurance 2140.

INDIGENOUS STUDIES (INST)**INST 1101 – Introduction to Indigenous Studies: the Canadian Context**

(3 credits – TG) 3 hours lecture

This course provides an introduction to the interdisciplinary field of Indigenous Studies. Specifically, the course surveys the diverse histories and traditional and contemporary cultures of the various groups in what is now Canada. Taught from an Aboriginal perspective, the course explores a wide range of topics, with an emphasis on colonization and decolonization.

**INST 1111 – Introduction to Indigenous Studies: International Perspectives**

(3 credits – TG) 3 hours lecture

Taught from an Aboriginal perspective, this course explores a range of topics, with an emphasis on colonization and decolonization in a comparative international context. The Indigenous peoples focused on will vary from semester to semester and may include groups from areas such as Australia, New Zealand, South America and the United States.

Recommended Preparation: Indigenous Studies 1101.

**INST 2730 – Topics in Indigenous Studies**

(3 credits) 3 hours lecture

This course offers the opportunity to examine specific topics in Indigenous Studies in both Canadian and International contexts. The specific content of the course will vary by term and instructor. Possible topics include education, contact narratives, land rights, politics, Metis/Mestizo history and culture, and Indigenous women's studies.

Recommended Preparation: Indigenous Studies 1101 and/or 1111.

**INTERDISCIPLINARY STUDIES (INTS)****INTS 1240 – Fundamentals of Interpersonal Communication**

(3 credits – TG) 3 hours lecture

This course provides an introduction and overview to aspects of interpersonal communication. Utilizing a mix of theory and application, the course provides students with opportunities to gain an understanding of the elements of interpersonal communication and demonstrate a foundational level of knowledge and skill of the application of interpersonal communication for use in a variety of settings.



INTS 3331 – International Community Development

(3 credits – TG) Internet Delivery

This interdisciplinary course will provide students with an overview of International Community Development issues such as poverty, health care, education, human rights, foreign aid and controversy. Students will be encouraged to examine topics such as sustainable development, child soldiers, and the world AIDS crisis, from the unique perspective of their individual field of study.



ITALIAN (ITAL)

ITAL 1101 – Beginners' Italian (formerly ITAL 2201)

(3 credits – TG) 4 hours lecture, 1 hour lab

This course is designed for students with no previous knowledge of the language, and provides training in the comprehension, speaking, reading and writing of Italian. Upon successful completion of the course, students will be able to carry on an elementary conversation and read basic texts in Italian. Elements of Italian culture will also figure prominently in the teaching of the language.



ITAL 1103 – Beginners' Italian II (formerly ITAL 2203)

(3 credits – TG) 4 hours lecture, 1 hour lab

This course will provide students with the opportunity to further develop their oral, reading and writing skills. It also allows them to gain a more in-depth understanding of Italian culture.

Prerequisite: Italian 1101 or equivalent.



ITAL 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

JAPANESE (JPNS)

JPNS 1105 – Beginners' Japanese I (formerly JPNS 2205)

(3 credits – TG) 4 hours lecture, 1 hour lab

Basic concepts of modern Japanese. Reading and writing of characters, essentials of grammar, basic vocabulary, and oral drills on normal speech patterns.



JPNS 1107 – Beginners' Japanese II (formerly JPNS 2207)

(3 credits – TG) 4 hours lecture, 1 hour lab

Continuation of Japanese 1105.

Prerequisite: Japanese 1105 or consent of the department.



JPNS 2209 – Japanese Culture

(3 credits – TG) 3 hours lectures

This course will provide a comprehensive introduction to the geography, nature, history and social life of Japan. Students will explore the modern and traditional aspects of Japan through family, society and the arts. Classroom activity will be augmented by cultural activities.

Note: This course is taught in English; no knowledge of Japanese and no prerequisites are expected.



JPNS 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

LATIN AMERICAN CULTURES (LAST)

LAST 1101 – Introduction to Contemporary Latin American Cultures

(3 credits – TG) 3 hours lecture

This course provides an overview of Latin American regional similarities and cultural differences through the study of contemporary indigenous peoples, the Iberian heritage and contemporary national cultures. Students will explore many forms of artistic expression, including literature, architecture and popular culture. The aim is the development of cultural understanding of the various societies in Hispanic America.



LAST 2201 – Cultures of South America

(3 credits – TG) 3 hours lecture

This course is a continuation of Introduction to Contemporary Latin American Cultures 1101. It offers a more in-depth study of the societies in South America from a Latin American perspective. Students will explore and analyze a variety of cultural contexts and forms of expression.

Prerequisite: Latin American Cultures 1101 or consent of the department.



LAST 2202 – Cultures of Mexico, Central America and the Caribbean

(3 credits – TG) 3 hours lecture

This course is a continuation of Introduction to Contemporary Latin American Cultures 1101. It offers a more in-depth study of the societies of Mexico, Central America and the Caribbean from a Latin American perspective. Students will explore and analyze a variety of cultural contexts and forms of expression.

Prerequisite: Latin American Cultures 1101 or consent of the department.



LINGUISTICS (LING)

LING 1111 – The Nature of Language I

(3 credits – TG) 3 hours lecture

This course provides a survey of the field of theoretical linguistics: its content, techniques, and objectives through the solution of problems from selected languages. Topics include articulatory phonetics and phonology; words and their meaning; and the formation of sentences.



LING 1113 – The Nature of Language II

(3 credits – TG) 3 hours lecture

This course provides a survey of the field of applied linguistics; its content, techniques, and objectives. Topics include language in historical and social context; language change and variation; language families; writing systems; language acquisition; and psycholinguistics.

Prerequisite: Linguistics 1111



LING 2201 – Syntax I

(3 credits – TG) 3 hours lecture

This course provides an overview of the theory and methodology of syntactic analysis, using English as a primary example. Topics will include syntactic categories, grammatical, thematic and structural relations, and syntactic movement.

Prerequisite: Linguistics 1111 with a minimum grade C-.



LING 2203 – Phonetics

(3 credits – TG) 3 hours lecture

This course provides an introduction to articulatory phonetics, exploring the range of sounds found in the world's languages, including sounds not found in English. Topics may include vocal tract anatomy, airstream mechanisms, consonants, vowels, and suprasegmentals.

Prerequisite: Linguistics 1111

LING 2207 – Second Language Acquisition

(3 credits – TG) 3 hours lecture

This course offers an overview of linguistic perspectives on second language acquisition and their implications for second language teaching. Topics will include: the nature of language proficiency; language and the mind; and the roles of first language and universal grammar in learning a second language.

Prerequisite: Linguistics 1113.

**LING 2215 – Phonology I**

(3 credits – TG) 3 hours lecture

This course is an introduction to the theory and practice of phonological analysis. Topics may include the classical phoneme, features and their organization, underlying and surface representations, rules and derivations, syllabic and metrical structure.

Prerequisites: Linguistics 1111

LING 2221 – Modern English Grammar

(3 credits – TG) 3 hours lecture

A comprehensive exploration of contemporary English. The course is based on modern linguistic analysis, but also includes traditional grammatical terminology, as well as language change, attitudes to language varieties and problems in usage.

**LING 2231 – First Language Acquisition**

(3 credits – TG) 3 hours lecture

An overview of major issues and developmental patterns in child language acquisition.

Prerequisite: Linguistics 1111, 1113 (may be Co-requisite) or Psychology 1105 or equivalent.

**LING 2241 – Languages of Canada**

(3 credits – TG) 3 hours lecture

This course is an introduction to the socio-linguistic picture of modern Canadian society. It is based on the analysis of history and contemporary life of various Canadian linguistic communities using different languages to develop and build their cultures as well as to communicate.

LING 3315 – Language Typology

(3 credits) 3 hours lecture

This course introduces students to the methodology of language typology and presents an overview of the results of research in this field. Topics include an examination of the similarities and differences between languages, and the identification of common and rare characteristics found in language.

Prerequisites: Linguistics 1111.

Recommended Preparation: Linguistics 2201 and/or Linguistics 2215.

LING 3371 – Introduction to Psycholinguistics

(3 credits – TG) 3 hours lecture

An introduction to the field of Psycholinguistics; its findings, research orientations and methodologies.

Prerequisite: Linguistics 1111 or 1113.

**LING 3199, 4199 – Directed Readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

LOGISTICS AND SUPPLY CHAIN MANAGEMENT (LSCM)**LSCM 2010 – Directed Field Studies I**

(15 credits)

This Directed Field Studies course requires students to be employed in a logistics or supply chain management position. The employer and placement must be approved by the work experience coordinator and the position must consist of at least 450 hours of work. Students will typically work in a supply chain function for an organization or in a company specializing in transportation, distribution, or logistics. Under the supervision of a faculty advisor, students must complete a series of applied research projects to relate their practical experience with their academic studies.

Prerequisites: Accounting 2121, Logistics and Supply Chain Management 2201, 3203 or 2203, 3303, 3305 and 3307. Successful completion of work experience professional development sessions.

LSCM 2201 – Introduction to Logistics and Supply Chain Management

(3 credits) 3 hours lecture

This course provides an overview of the importance of logistics and the supply chain process in determining the competitive success of an organization. Students will be introduced to the various components of the supply chain and their logistical requirements. Topics to be surveyed in this course include value process management, transportation management, purchasing, inventory management, demand forecasting, materials and warehouse management, enterprise resource planning (ERP), supply chain information systems, production and operations management, e-commerce, customer and supplier relations, quality assurance, outsourcing, third-party logistics and global productions.

LSCM 3010 – Directed Field Studies II

(15 credits)

This Directed Field Studies course requires students to be employed in a logistics or supply chain management position. The employer and placement must be approved by the work experience coordinator and the position must consist of at least 450 hours of work. Students will typically work in a supply chain function for an organization or in a company specializing in transportation, distribution, or logistics. Under the supervision of a faculty advisor, students must complete a series of applied research projects to relate their practical experience with their academic studies.

Prerequisites: Logistics and Supply Chain Management 2010, 4402 and 4403 or consent of the department. Successful completion of work experience professional development sessions.

LSCM 3203 – Principles of Quality Management

(3 credits) 3 hours lecture

This course provides an introduction to basic concepts, processes, and issues in quality management practices with respect to services, goods and information. Topics include planning, organizing and controlling for quality; the human aspects of quality; quality assurance and purchasing; ISO standards; and, continuous improvement and reengineering.

Prerequisite: Logistics and Supply Chain Management 2201, or consent of the department.

LSCM 3301 – Introduction to Physical Distribution

(3 credits) 3 hours lecture

The challenge of logistics is ensuring that the right products reach the right destination in the right condition, and at the right time. This course provides an overview of the various transportation modes and procedures in Canada. Topics include modes of transportation and intermodalism, intermediate agencies, and distribution methods such as warehousing, materials handling and unitization.

LSCM 3303 – Fundamentals of Purchasing

(3 credits) 3 hours lecture

Organizations are recognizing the value of purchasing beyond the basic transactional level. This course introduces students to the principles of purchasing, while addressing the impacts of technology, supply chain management and business strategy on purchasing in today's business environment. Other topics include procurement planning and procedures and supplier relations.

LSCM 3305 – Physical Distribution and Logistics

(3 credits) 3 hours lecture

Logistics and transportation are critical links in today's supply chain. Building on the fundamentals addressed in Logistics and Supply Chain Management 3301, this course explores the concepts of physical distribution and logistics, as well as addressing the specific areas of contracts, loss and damage, dangerous goods, marine insurance, Canada Customs, international trade and the transportation regulatory environment.

Prerequisite: Logistics and Supply Chain Management 3301.

LSCM 3307 – Introduction to e-Business

(3 credits) 3 hours lecture

This course examines the impact technological changes have made on the face of business. This course encompasses Internet technology, the nature of e-business competition, and underlying economics of e-business to provide a comprehensive look at how businesses survive and thrive on the Internet. Topics include web and Internet fundamentals, e-business models, customer interface, and marketing and e-business strategy.

Prerequisite: Marketing 2150 or consent of the department.

LSCM 4402 – Inventory and Warehouse Management

(3 credits) 3 hours lecture

Through the application of sound materials management principles, students will be equipped to develop and implement strategic inventory and warehousing plans. The course is broken into two components; inventory management and warehouse management. Inventory management topics include inventory functions, demand forecasting, aggregate and production planning, master production and materials requirements planning, and lean or JIT inventory management. Warehouse management topics include facility layout, retrieval technologies, performance benchmarking, safety, security, and risk management.

Prerequisites: Logistics and Supply Chain Management 3303 and 3305, or consent of the department.

LSCM 4403 – Operations Management

(3 credits) 3 hours lecture

This course is a survey of the decision processes in production and operations management, and the relationship to other business areas. Topics covered include forecasting, product and service design, capacity planning, waiting line models, facility location and layout, process selection, design of work systems, linear optimization, quality inspection and control, life cycle management, inventory management, aggregate planning, material requirements planning, project operations management, and operations scheduling.

Prerequisite: Management 2263 or Entrepreneurship 2261 or Mathematics 1224 or Administration 1264.

LSCM 4407 – Business Negotiations/Project Management

(3 credits) 3 hours lecture

This course provides an overview of the basic principles of interest-based bargaining and project management. The first part of the course will focus on the basics of interest-based bargaining and how those skills can be applied to supply chain management in a global environment. The second part of the course focuses on the input/output tools and techniques necessary to take a project from inception to completion. The students will also learn how to operate project management software for budgeting and scheduling purposes.

Prerequisite: Logistics and Supply Chain Management 2201 or Management 3276, or consent of the department.

LSCM 4409 – Supply Chain Decision-Making

(3 credits) 3 hours lecture

Participants in this course will solve various applied business problems in logistics and supply chain management. Emphasis will be on the application of critical evaluation and judgment, together with skills from the foundation disciplines in prerequisite courses, to formulate innovative business solutions for integrated case study scenarios.

Prerequisite: Logistics and Supply Chain Management 4402 or consent of the department.

LSCM 4411 – Integrated Business Solutions

(3 credits) 3 hours lecture

This course demonstrates how to apply selected information technologies for supply chain management. Emphasis will be upon identifying, assessing and using the best available software to enable enhanced performance within an overall enterprise based systems environment. Participants will be exposed to a menu of commonly used software applications including Enterprise Resource Planning tools, transactional e-commerce packages, inventory management systems, materials supply and purchasing tools, planning and scheduling packages, demand forecasting and collaborative supply chain applications.

Prerequisites: Logistics and Supply Chain Management 3305 and 4402 or consent of the department.

MATHEMATICS (MATH)**MATH 0115 – Foundations of Mathematics I**

(0 credits) 5 hours lecture, 1 hour tutorial

This is a credit-free upgrading course; special fees apply. This course comprehensively covers the essential topics of algebra and the basic principles of geometry to an intermediate level. The course is designed to meet the needs of students who have a minimal background in algebra or whose proficiency may have declined during years away from formal education. Successful completion of this course prepares students for Mathematics 0130 or Mathematics 0132, where algebraic skills are utilized to study more advanced topics.

Corresponding Alberta High School Equivalent: Pure Mathematics 10/20 or Math 10C/Math 20-1.

MATH 0130 – Pre-Calculus

(0 credits) 5 hours lecture, 1 hour tutorial

This is a credit-free upgrading course; special fees apply. Topics include: inequalities, properties of functions and graphs, polynomial functions, rational functions, exponential and logarithmic functions and trigonometric functions.

Corresponding Alberta High School Equivalent: Mathematics 30-1.

Recommended Preparation: Mathematics 0115 or Pure Mathematics 20 or Math 20-1 or Math 20-2/Math 30-2.

MATH 0131 – Calculus and Matrices

(0 credits) 5 hours lecture

This is a credit-free upgrading course; special fees apply. Part 1: Calculus – Limits, differentiation of sums, products and quotients (excluding exponential, logarithmic and trigonometric functions), the Chain Rule, application to curve sketching, maximum and minimum problems, motion, simple integration, area under a curve and area between curves. Part 2: Matrices – Systems of linear equations, operations with matrices, special matrices, the determinant function, inverses of matrices.

Corresponding Alberta High School Equivalent: Mathematics 31.

Recommended Preparation: Mathematics 0130, Pure Mathematics 30 or Mathematics 30-1 or equivalent.

MATH 0132 – Foundations of Mathematics II

(0 credits) 5 hours lecture, 1 hour tutorial

Part 1: Set Theory, Probability and Statistics

Topics include Set Theory, Probability, Fundamental Counting Principle, Permutations, Combinations, Introduction to Statistics (sampling methods, presentation of data, measures of central tendency and dispersion, the normal distribution).

Part 2: Functions and Relations

Topics include polynomial functions, operations on rational expressions, rational equations, and rational functions, exponential and logarithmic functions, trigonometric functions. The course objectives are to describe, analyze, and graph these functions, find models from data or from a verbal description, and to solve contextual problems involving these functions without and with technology.

Corresponding Alberta High School Equivalent: Mathematics 30-2.

Recommended Preparation: Mathematics 20-1, Mathematics 20-2, MATH 0115 or equivalent.

MATH 1102 – Introduction to Geometry

(3 credits) 3 hours lecture

Introduction to Geometry is a foundational course intended for an audience interested in geometry and its applications. We will introduce Euclidean geometry in two and three dimensions, along with analytic geometry. Popular topics such as symmetry, fractals or the golden ratio will also be covered.

**MATH 1103 – Introduction to Statistical Reasoning**

(3 credits) 3 hours lecture

This course is intended for a general audience that is interested in statistical concepts in their every day life. This course will be more qualitative than quantitative and aimed at sparking interest in statistics and probability as a discipline. Emphasis will be on understanding statistical and probabilistic concepts rather than computational aspects.

**MATH 1150 – Mathematical Reasoning**

(3 credits) 3 hours lecture

This course explores topics in discrete mathematics including the language of logic, set theory, enumeration, probability and statistics. Basic elements of probability and statistics will be used to solve problems involving the organization, description and interpretation of data.

MATH 1160 – Higher Arithmetic

(3 credits – TG) 3 hours lecture

This course explores elementary number theory, numeration systems, operations on integers and rational number and elementary combinatorics using both inductive and deductive methods. Emphasis will be put on the development of clarity and understanding of mathematical processes and ideas, the application of these ideas to problem solving and the communication of these ideas to other people.

Prerequisite: Mathematics 30-Pure or the permission of the department.

MATH 1185 – Calculus with Applications (formerly MATH 2285)

(3 credits – TG) 3 hours lecture, 2 hours lab

This course is an introduction to calculus with an emphasis on applications in sciences. Problem solving is a major component of this course.

Prerequisite: Pure Math 30 with a grade of 60% or higher or equivalent.

Note: Only one of Mathematics 1200, 1217, 2251, and 1185 can be used to satisfy graduation requirements within a Bachelor of Science.

MATH 1200 – Calculus for Scientists I

(3 credits – TG) 4 hours lecture, 1 hour tutorial

This course provides an introduction to calculus with some exposure to applications in the sciences. Topics covered will include algebraic operations, functions and graphs, transcendental functions, limits, derivatives, integrals and the fundamental theorem of calculus. Studying calculus will expose students to a variety of important mathematical ideas and help students develop their calculation, critical thinking and problem solving skills.

Prerequisite: A grade of 60% or higher in Pure Mathematics 30 or in Mathematics 0130, or a grade of C- or higher in any of Mathematics 1283 or 1285 or equivalent.

**MATH 1202 – Calculus for Scientists II**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to integral calculus and its applications. Methods of integration are studied and applied to the calculation of volumes, surface areas, arc lengths and work. Inverse trigonometric and hyperbolic functions, L'Hospital's Rule, first and second-order linear differential equations are also studied.

Prerequisite: Mathematics 1200 with a grade of C- or higher.

**MATH 1203 – Linear Algebra for Scientists and Engineers**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to linear algebra for science students. Topics covered are vector and matrix algebra, systems of linear equations, determinants, linear transformations, polar coordinates and complex numbers. Applications in the physical sciences are studied with the help of eigenvalues and eigenvectors.

Prerequisite: Pure Math 30 with a 60% or higher.

MATH 1205 – The Beauty of Mathematics

(3 credits – TG) 3 hours lecture

This course introduces the student to the skills of problem solving and critical thinking. Students are also exposed to some of the history, philosophy, ideas, and people in mathematics. An emphasis is placed on applications of mathematics to everyday life.

**MATH 1211 – Concepts of Mathematical Statistics**

(3 credits – TG) 4 hours lecture, 1 hour lab

This course involves descriptive statistics and a brief introduction to probability theory. A systematic treatment of inferential statistics is undertaken in this course. Topics include the inferences of one population and two population means and proportions, regression and correlation, and chi-square test.

Prerequisite: Pure Mathematics 30 or equivalent with a grade of 60% or higher; or Mathematics 0130, 1283 or 1285 with a grade of C or higher or consent of department.



Note: Only one of the Mathematics 1211, Mathematics 1224, Mathematics 2233 and Mathematics 2333 can be used for graduation purpose.

MATH 1217 – Calculus for Engineers and Scientists I

(3 credits – TG) 3 hours lecture, 1.5 hours tutorial

Functions, limits, continuity, derivatives, mean value theorem, integrals, fundamental theorem of calculus, applications in the physical sciences

Prerequisite: Pure Mathematics 30 with a grade of 65% or higher or Mathematics 0130 or equivalent with a grade of C or higher. Mathematics 31 or equivalent with a grade of 65% or higher or Mathematics 0131 with a grade of C or higher.

Note: Credit for more than one of Mathematics 1217, 2249, 2251 and 2285 will not be allowed.

MATH 1219 – Multivariable Calculus for Engineers

(3 credits – TG) 3 hours lecture, 1.5 hours tutorial

Techniques of integration, double and triple integrals, partial derivatives, applications.

Prerequisite: Mathematics 1217 with a grade of C- or higher.

Note: Credit for both Mathematics 1219 and 2253 will not be allowed.

MATH 1224 – Introduction to Statistics

(3 credits – TG) 4 hours lecture, 1 hour lab

This course involves descriptive statistics and some basic theory of probability including Bayes' Rule, expectation, probability distribution (binomial, Poisson, normal) and sampling distributions. Confidence interval and hypothesis testing are introduced.

Prerequisite: Pure Mathematics 30 or equivalent with a grade of 60% or higher; or Mathematics 0130, 1283 or 1285 with a grade of C or higher or consent of department.



Note: Only one of the Mathematics 1211, Mathematics 1224, Mathematics 2233 and Mathematics 2333 can be used for graduation purpose.

MATH 1225 – Statistical Inference

(3 credits – TG) 5 hours lecture

This course involves inferences concerning means, proportion and variance. Analysis of variance (one and two ways), regression and correlation analysis are also discussed as well as nonparametric statistics. Application of these statistics to problems in business, biology and social sciences is studied.

Prerequisite: Mathematics 1224 or consent of department.

MATH 1271 – Discrete Mathematics

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to symbolic logic, techniques of proof, sets, equivalence relations. There is also an exploration of mathematical induction, recursion, counting principles, graphs, and trees.

Prerequisite: Mathematics 1203 with a grade of C- or higher.

**MATH 1285 – Precalculus III**

(3 credits – TG) 5 hours lecture

A course which covers precalculus material such as trigonometric, exponential and logarithmic functions, inverse trigonometric functions, analytic geometry, sequences and series, the binomial theorem, mathematical induction.

Prerequisite: Pure Mathematics 30 or equivalent, or Mathematics 1283.

MATH 1505 – Puzzling Adventures in Mathematics

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is a problem-solving approach to discrete mathematics covering secret codes, public-key codes, error-correcting codes, applications of graph theory, and parallel algorithms. The material in the course is introduced and examined through the use of mathematical puzzles.

MATH 2101 – Abstract Algebra

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to abstract algebra with applications in cryptography. Topics studied include groups and rings, polynomial arithmetic and the division algorithm, and congruences.

Prerequisite: Mathematics 1203 with a grade of C- or higher.

MATH 2207 – Mathematical Methods

(3 credits) 3 hours lecture, 1 hour tutorial

This course provides an introduction to solving systems of ordinary differential equations and ordinary differential equations with series solutions and also partial differential equations. Multivariable calculus basics including vector calculus, multiple, line and surface integrals will be covered, as are applications by exploring Green's theorem, Gauss's theorem, and Stokes' theorem.

Prerequisites: Mathematics 1202, and 1203, each with a minimum grade of C-.

**MATH 2211 – Linear Methods I**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course involves descriptive statistics and a brief introduction to probability theory. A systematic treatment of inferential statistics is undertaken in this course. Topics include the inferences of one population and two population means and proportions, regression and correlation, and chi-square test.

Prerequisite: Pure Mathematics 30 or equivalent with a grade of 60% or higher; or Mathematics 0130, 1283 or 1285 with a grade of C or higher.

Note: Only one of the Mathematics 1211, Mathematics 1224, Mathematics 2233 and Mathematics 2333 can be used for graduation purpose.

**MATH 2233 – Statistics for Biological Sciences**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course involves descriptive statistics, some probability theory and a systematic treatment of inferential statistics. Topics include inferences of population means and proportions, regression and correlation, chi-square test, analysis of variance. Applications of these statistical methods to problems in biological and health sciences are studied.

Prerequisite: Mathematics 1200 with a grade of C- or higher.

Note: Only one of the Mathematics 1211, 1224, 2233 and 2333 can be used for graduation purpose.

MATH 2235 – Statistics with Applications in Geology

(3 credits) 3 hours lecture, 1 hour tutorial, 1 hour lab

This course involves probability theory, discrete and continuous random variables and probability distributions. A systematic treatment of inferential statistics is undertaken. The topics include estimation and hypotheses testing, analysis of variance, linear regression and correlation. Applications of these statistical methods to problems in geological science are studied. Statistical computer software is used in this course.

Prerequisite: Mathematics 1200 with a grade of C- or higher.

MATH 2251 – Calculus I

(3 credits – TG) 4 hours lecture

This course is designed for students with some previous exposure to calculus. Topics including functions and graphs, transcendental functions, limits, derivatives, integrals and the fundamental theorem of calculus with emphasis on why the theorems and formulae are true and how they can be applied. By studying calculus, students will improve their critical thinking and problem solving skills and gain insight into the discipline of mathematics.

Prerequisite: Pure Mathematics 30 or equivalent with a grade of 65% or higher; or Mathematics 0130, 1283 or 1285 with a grade of "B-" or higher; and Mathematics 31 with a grade of 50% or higher, or Mathematics 0131 with a grade of "D" or higher.

Note: Credit for more than one of Mathematics 1200, 1217, and 2251 will not be allowed.

**MATH 2301 – Calculus III**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is a continuation of the calculus stream. Convergence of sequences and series are studied, along with Taylor polynomials, curves and surfaces in three dimensions, multivariate functions and differentiation and Lagrange multipliers. Applications include three dimensional mechanics.

Prerequisites: Mathematics 1202 and 1203 a grade of C- or higher.

MATH 2302 – Calculus IV

(3 credits – TG) 3 hours lecture, 1 hour tutorial

Functions of several variables are thoroughly studied in this course. The focus is on multivariate integration and differentiation, through the study of the theorems of Green, Gauss, and Stokes. Approximation, optimization techniques, and applications to fluid dynamics are also examined.

Prerequisite: Mathematics 2301 with a grade of C- or higher.

MATH 2311 – Linear Algebra II

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to abstract vector spaces and subspaces. Projections and best approximations are studied with the help of the Gram-Schmidt algorithm. Other topics that are studied are population dynamics, Fourier analysis, and eigenvalues and eigenvectors.

Prerequisite: Mathematics 1203 with a grade of C- or higher.

MATH 2321 – Mathematical Probability

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course involves probability theory, discrete and continuous random variables. Topics also include mathematical expectation, variance, moments, moment generating functions and the central limit theorem. There is a discussion of inferential statistics: estimation, confidence interval, and hypothesis testing procedure.

Prerequisite: Mathematics 1202 with a grade of C- or higher.

MATH 2323 – Introduction to Mathematical Statistics

(3 credits – TG) 3 hours lecture, 1 hour tutorial

Central limit theorem. Sampling distributions. F and t distributions. Estimation. Hypothesis tests (proportions, means, variance, chi-square). Method of moments. Maximum likelihood estimators. Concept of minimum variance unbiased estimators. Neyman-Pearson lemma. Likelihood ratio tests. Elementary regression and correlation.

Prerequisite: Mathematics 2321 with a grade of C- or higher.

Co-requisite: Mathematics 2302.

MATH 2333 – Statistics for Life Sciences

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course involves exploratory data analysis, a brief introduction to probability theory and inferential statistics. Topics include inferences on population means and proportions, chi-square test, regression and correlation. Applications of these statistical methods to problems in medical and health sciences are studied.

Prerequisite: Mathematics 30-1 or Mathematics 30-2 or Pure Mathematics 30, or department approval.

Note: Only one of the Mathematics 1211, 1224, 2233 and 2333 can be used for graduation purpose.

MATH 3101 – Numerical Analysis

(3 credits – TG) 3 hours lecture, 2 hours tutorial

In this course, the theory and practice of numerical computational procedures to solve practical problems will be studied. Methods for solutions of nonlinear equations, solutions of simultaneous linear equations, curve fitting, solution of the eigenvalue problem, interpolation and approximation, numerical differentiation and integration, solution of ordinary and partial differential equations are included. The laboratory includes the application to elementary problems and the computer solution of comprehensive problems.

Prerequisite: Mathematics 3307 with a minimum grade of C-, or equivalent or consent of the department.

MATH 3201 – Visual Art and Mathematics: an integrated understanding

(3 credit – TG) 3 hours lecture

This course examines the fundamental knowledge, understanding, skills and processes necessary for the integration of visual arts and mathematics at the elementary school level. The course will address relevant instructional methodologies, curriculum integration and resource development for both visual arts and mathematics.

Prerequisite: Education 1209 or Mathematics 1102 or permission of department.

MATH 3303 – Topics in Applied Mathematics and Data Analysis

(3 credits) 3 hours lecture, 2 hours lab

Techniques of applied mathematics are a great asset and an important quantitative tool for scientists. The course gives an introduction to Discrete Fourier transform, Fast Fourier Transform, filter design and wavelet analysis. Statistical data analysis and stochastic processes are also discussed. These topics will be addressed through their applications to the natural sciences.

Prerequisites: Mathematics 1202 and Mathematics 1203 with a minimum grade of C-.

MATH 3307 – Differential Equations

(3 credits – TG) 3 hours lecture, 1.5 hours tutorial

Classification of ordinary differential equations, first order equations with applications, second order equations with applications, series solutions about regular and singular points, special functions. Laplace transforms, linear systems of differential equations.

Prerequisite: Mathematics 1219 with a grade of C- or higher.

MATH 3309 – Mathematics for Engineers IV

(3 credits – TG) 3 hours lecture, 1.5 hours tutorial

Functions of several variables, partial derivatives, Chain Rule and differentials. Vector calculus, with line and surface integrals; Green's, Gauss' and Stokes' Theorems.

Prerequisite: Mathematics 1219 with a grade of C- or higher.

MATH 3325 – Theory of Interest

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course involves probability theory, discrete and continuous random variables. Topics also include mathematical expectation, variance, moments, moment generating functions and the central limit theorem. There is a discussion of inferential statistics: estimation, confidence interval, and hypothesis testing procedure.

Prerequisite: Mathematics 1202 with a grade of C- or higher.

Note: Credit will be given for only one of Engineering 1319, Management 1262/1263, Mathematics 1211, 1224, 1225, 3333; the University of Calgary Anthropology 307, Educational Psychology 511/513, Engineering 319, Political Science 399, Psychology 312, Sociology 311, 312, Statistics 201/211, 213/217, 333, 343/347, 357.

MATH 4101 – Abstract Algebra II

(3 credits) 3 hours lecture, 1 hour tutorial

This course is a continuation of the study of abstract algebra. Topics from the theory of groups, rings, and fields are covered. Specific topics include the fundamental theorem of finite abelian groups, polynomial rings, ideals and factor rings, finite fields, and extension fields.

Prerequisite: Mathematics 2101 with a grade of C- or higher.

MATH 4102 – Analysis I

(3 credits) 3 hours lecture, 1 hour tutorial

This course can be viewed both as a continuation of the calculus stream, and as a first course in real analysis. Topics will include the topology of Euclidean space, continuity and differentiability of vector-valued functions, the implicit function theorem, and Fourier series with applications to partial differential equations.

Prerequisite: Mathematics 2302 or Mathematics 2207 with a grade of C- or higher.

MATH 4103 – Complex Analysis

(3 credits) 3 hours lecture, 1 hour lab

This course involves functions of a complex variable, complex series, Cauchy's theorem and contour integration. Residue Theorem and its applications will be studied. An introduction to Fourier integrals and the Heisenberg inequality are also covered.

Prerequisite: Mathematics 2302 with grade of C- or higher.

MATH 4201 – Seminar

(3 credits) 3 hours Seminar

Students present seminars and discuss topics in mathematics taken from current journals or books. Instruction and practice in written and oral communication is provided. The topics vary from student to student.

Prerequisite: Consent of the department.

MATH 4199, 4299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

MIDWIFERY (MDWF)**MDWF 1001 – Survey of Midwifery – Past and present**

(3 credits) 3 hours lecture

This course provides an overview of the history of midwifery in Canada and elsewhere, an introduction to the philosophy and ethics of midwifery care and a preliminary discussion of current issues in midwifery roles and responsibilities. Students will also have an opportunity to observe midwives during professional activities.

MDWF 1003 – Lab Sciences for Midwifery

(3 credits) 3 hours lecture, 2 hours lab

This is a combined lecture and lab course that covers basic content from biochemistry and microbiology relevant to midwifery practice. Practical applications will be covered including specimen collection, normal and abnormal lab values and their relationship to normal physiology.

MDWF 2001 – Developing Midwifery Skills**(3 credits) 2 hours lecture, 2 hours lab**

Students will acquire beginning level experience with a range of midwifery clinical skills. Workshops within the course will include certification in neonatal resuscitation prior to beginning clinical placements. Simulation models and other resources will be used to teach and assess skill acquisition.

Pre-requisite: Midwifery 1001.

Co-requisite: Midwifery 1001 with consent of chair.

MDWF 2003 – Reproductive Physiology**(3 credits) 3 hours lecture**

This course covers the normal and abnormal structures and mechanisms that regulate reproduction. The influence of major medical conditions on the course and outcome of pregnancy will be considered.

Prerequisites: Biology 1220 and 1221.

MDWF 2005 – Pharmacotherapeutics**(3 credits) 3 hours lecture**

This course covers the basic concepts of pharmacology and therapeutics with particular reference to midwifery prescribing authority. Concepts of pharmacokinetics, toxicology and adverse reactions are covered especially as they pertain to pregnancy, lactation and infants. Alternative therapies will be addressed.

Prerequisites: Biology 1220 and 1221.

MDWF 2100 – Midwifery Care: Normal Childbearing and Healthy Infants – Clinical**(9 credits) minimum 600 hours clinical experience**

This course is the first of a series of placements under the immediate supervision of a registered midwife (RM). The student undertakes with guidance of a RM the assessment, care planning and administering of care to women and their newborn infants, including conducting normal births. The student will have assigned clinical hours and on-call responsibilities.

Prerequisite: Midwifery 2001.

Co-requisite: Midwifery 2101.

MDWF 2101 – Midwifery Care: Normal Childbearing and Healthy Infants – Tutorial**(3 credits) 3 hours tutorial/week**

This course is a co-requisite to MDWF 2100. The student will be in weekly three (3) hour tutorials based on case situations of normal antepartum, intrapartum, postpartum care, and care of newborns.

Prerequisite: Midwifery 2001.

Co-requisite: Midwifery 2100.

MDWF 2150 – Trans-cultural Clinical Placement**(3 credits) 160 hours clinical experience**

This required course is a short-term placement (4 weeks full time) for students to experience an international health, geographically remote, or other approved placement relevant to midwifery.

MDWF 3001 – Pathophysiology**(3 credits) 3 hours lecture**

This course provides an opportunity to critically examine select pathologies at the cellular, organ and systems level. The development, manifestations and effects of these pathologies on human physiological functioning are explored.

Prerequisite: Midwifery 2003.

MDWF 3100 – Interprofessional Hospital and Community Health Placements – Clinical**(3 credits) 240 hours clinical experience**

This course includes three placements: a labour-delivery hospital unit, a newborn intermediate or intensive care nursery, and community health. These placements will be with appropriate hospital and community nursing personnel with faculty supervision.

Prerequisite: Midwifery 2100.

Co-requisite: Midwifery 3101.

MDWF 3101 – Interprofessional Hospital and Community Health Placements – Tutorial**(3 credits) 3 hours tutorial**

This weekly three hour tutorial will include assessment and skill development related to hospital based midwifery and nursing roles. This tutorial will focus on analysis of complex health systems issues and the respective roles and responsibilities of professionals in various models of health services provision.

Prerequisite: Midwifery 2100.

Co-requisite: Midwifery 3100.

MDWF 3150 – Midwifery Care: Complications and Consultation – Clinical**(9 credits) minimum 700 hours clinical experience**

This course is a placement under the supervision of a registered midwife in which the student assumes greater responsibility for care of a caseload of healthy women, carries out a greater range of technical skills without assistance, identifies more common complications and initiates planning and care of those conditions, including carrying out consultation and referrals with attention to forming interprofessional relationships. An initial workshop component will provide certification in emergency obstetrical skills. The student will have assigned clinical hours and on-call responsibilities.

Prerequisite: Midwifery 3100.

Co-requisite: Midwifery 3151.

MDWF 3151 – Midwifery Care: Complications and Consultation – Tutorial**(3 credits) 3 hours tutorial**

This three-hour weekly tutorial will be based on case situations that include more common complications of the childbearing period.

Prerequisite: Midwifery 3100.

Co-requisite: Midwifery 3150.

MDWF 3175 – Midwifery Care: Maternal and Newborn Pathology – Clinical**(9 credits) minimum 700 hours clinical experience**

This course is a placement under the supervision of a registered midwife. The student continues to provide care to an identified caseload of clients including those who experience complications. Identified activities may be carried out with indirect supervision. The student will participate in complex and urgent care situations as possible. Students will have assigned clinical hours and on-call responsibilities.

Prerequisite: Midwifery 3150.

Co-requisite: Midwifery 3176.

MDWF 3176 – Midwifery Care: Maternal and Newborn Pathology – Tutorial**(3 credits) 3 hours tutorial/week**

These tutorials will be based on case situations of less common but serious pathologies for mother and infant.

Prerequisite: Midwifery 3150.

Co-requisite: Midwifery 3175.

MDWF 4100 – Midwifery Clerkship I – Clinical**(9 credits) minimum 780 hours clinical experience**

This course is a placement in which the supervision of a registered midwife is increasingly indirect as the student consolidates knowledge and skills. The student assumes nearly complete responsibility for all aspects of care for a caseload of clients (NOTE: regulatory approval will be needed). Students will have assigned clinical hours and on-call responsibilities.

Prerequisite: Midwifery 3175.

Co-requisite: Midwifery 4101.

MDWF 4101 – Midwifery Clerkship I – Tutorial**(3 credits) 3 hours tutorial alternate weeks**

This course is a co-requisite to MDWF 4100. Bi-weekly tutorials will be peer reviews of case presentations under faculty direction.

Prerequisite: Midwifery 3175.

Co-requisite: Midwifery 4100.

MDWF 4150 – Midwifery Clerkship II – Clinical

(3 credits) minimum 300 hours clinical experience in first placement; minimum 140 hours clinical experience in second placement

This course includes two placements. The first is a continuation of MDWF 4100 in which the student continues to care for an identified caseload. At its completion the student will meet all the midwifery competencies for entry to practice. The second placement is intended to promote integration of midwives into the existing health care system and will be under the supervision of an obstetrician; the student will obtain experience with referral obstetrics and work in collaboration with medical and nursing practitioners. Students will have assigned clinical hours and on-call responsibilities.

Prerequisite: Midwifery 4100.

Co-requisite: Midwifery 4151.

MDWF 4151 – Midwifery Clerkship II – Tutorial

(3 credits) 3 hours tutorial alternate weeks.

This course is a co-requisite to MDWF 4150. Bi-weekly tutorials will be peer reviews of case presentations under faculty direction.

Prerequisite: Midwifery 4100.

Co-requisite: Midwifery 4150.

MDWF 4175 – Professional Practice Management

(3 credits) 3 hours lecture

This course prepares students for the organizational aspects of professional practice. Professional insurance, establishing a new practice, administering a practice, business systems, and similar topics will be covered in workshop sessions using guest faculty with relevant expertise.

Prerequisite: Midwifery 4150, Midwifery 4151.

MANAGEMENT (MGMT)**MGMT 2130 – Management Principles and Practices**

(3 credits – TG) 3 hours lecture

This course is a comprehensive and practical study of the major functions that comprise management processes, and the constraints within which the manager must operate. The focus (through the use of case studies and experiential exercises) is on how to perform these functions in an ethical and socially responsible manner to maximize productivity within the constraints of the organizational environment. A strong emphasis is put on understanding and identifying ethical dilemmas in the business world.

**MGMT 2131 – Introduction to Business Administration**

(3 credits – TG) 3 hours lecture

This course introduces the functional areas of business and the integration of these areas for effective and efficient operation of organizations in a variety of sectors. Emphasis is placed on effective team work skills, research skills, and decision-making skills.

**MGMT 2262 – Business Statistics I**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course introduces descriptive and inferential statistical analysis while emphasizing thinking skills and computer literacy. Topics include descriptive statistics, probability theory, simple random samples, discrete and continuous random variables, the central limit theorem, confidence intervals, and hypothesis testing. This course will emphasize the application of statistical analysis to business situations, the understanding of which will be further enhanced through exposure to current statistical computer software.

MGMT 2263 – Business Statistics II

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This is the second course in applied statistical analysis as offered in the Bissett School of Business. This course examines inferential statistical analysis while emphasizing thinking skills and computer literacy. Topics include parametric and nonparametric hypothesis testing procedures. Simple and multiple regression analysis will also be examined and applied to business situations. The understanding of the course material will be further enhanced through exposure to both manual and computerized methods using current statistical computer software.

Prerequisite: Management 2262 or Entrepreneurship 2261 or Mathematics 1224.

MGMT 2275 – Creativity in the Workplace

(3 credits) 3 hours lecture

In this course, students will gain an understanding of the concept of creativity—its nature, complexity, and relationship to major components present in any environment. They will analyze their own creative strengths and weaknesses, and will learn and practice tools to improve their creative competence. Through various learning activities, learners will develop an appreciation for why we need to learn about, and practice, creativity.

**MGMT 3210 – Business Communication Theory and Practice**

(3 credits – TG) 3 hours lecture

Students will develop their abilities for writing business letters, memoranda, reports, and for preparing and delivering oral presentations. Students will develop an understanding of strategic communications by exploring both internal and external organizational communication strategies.

English 1101/General Education 1401 or 1402 or 1403 or 1404 or any 1100-level English or higher.

**MGMT 3230 – Business Law**

(3 credits – TG) 3 hours lecture

Students will gain experience in legal problem solving with emphasis on legal issues involving business. The core of the course requires critical legal thinking in the following areas: agreements, liability, property rights, constitutional rights, and different ways to set-up businesses and non-profit activities. Additional topics will vary from semester to semester and may include crime, consumer protection, commercial transactions, creditor and debtor relations, and other timely legal topics.

Note: Only one of Entrepreneurship 3331 or Management 3230 can be used to satisfy program requirements.

**MGMT 3265 – Management Information Systems**

(3 credits – TG) 3 hours lecture

This course focuses on the role of information technology in an organization and its application to business problems. Techniques for designing, implementing and managing information systems are presented. Topics covered include hardware and software, file management, database organization, networking and telecommunications, systems development and design, flowcharting, system security, backup and recovery, and artificial intelligence.

Prerequisite: Accounting 2120 or 2121.

MGMT 3269 – Project Management

(3 credits) 3 hours lecture

This course introduces students to project management. Content includes concepts, principles, and the inputs, outputs, tools and techniques necessary to take the project from inception to completion. Students will learn, using PMBoK (Project Management Body of Knowledge), how to initiate a project, plan for its completion, monitor and control the project during implementation, and closing the completed project. Projects will be developed that are industry specific and will be used to allow students to take a project from inception to completion.

MGMT 3276 – Organizational Behaviour

(3 credits – TG) 3 hours lecture

This course provides an examination of the behaviour of people in organizations. Emphasis will be placed on the application of theory through group interaction and case studies. Topics include: individual behaviour, group behaviour, leadership, motivation, conflict resolution, and organizational culture.

Prerequisite: Management 2130 or Entrepreneurship 2201 or Management 2131.

**MGMT 3353 – Business Integration**

(3 credits) 3 hours lecture

This integrative course develops the applied skills associated with the implementation of business strategies across an organization. It focuses on evaluating the competitive environment and the internal resources that are associated with a small firm or a functional unit. From that understanding, students will explore how a manager or a divisional supervisor helps contribute to creating a competitive position for the firm. The course also helps students understand the integration of different organizational functions. Given the emphasis on the daily decisions of a manager, students will be able to understand and experience the challenges in running a company, through business-case discussions and an on-line simulation.

Prerequisites: Accounting 2121, Human Resources 2170, Management 2130, and Marketing 2150.

MGMT 4230 – Advanced Business Law

(3 credits) 3 hours lecture

From a broad based understanding of legal principles and problem solving gained in MGMT 3230 students will learn theory and develop skills in the following legal subjects: contract interpretation, drafting, and management; secured transaction and creditors rights; legal research and preparing briefs of the law; consumer protection; environmental protection; international business; and E-commerce and the law.

Prerequisite: Management 3230 or Entrepreneurship 3331.

MGMT 4402 – Corporate Social Responsibility

(3 credits) 3 Hours Lecture

This course deals with the interrelationship of corporate social responsibility, corporate integrity, organizational culture, corporate strategy and organizational management/leadership. Topics covered may include: fair-trade and globalization and other converging and emerging ideas about the continuing evolution of CSR.

Prerequisite: Management 3276 or Entrepreneurship 4431 or 4461.

MGMT 4403 – Environmental Management & Sustainable Development

(3 credits) 3 hours lecture

This is an advanced management course that introduces students to the issues, concepts, problems and processes of environmental management. Various management topics will be discussed including the design, implementation, and operation of an Environmental Management System, the tools of environmental management, and the concept of Sustainable Development. Students will gain an understanding of management processes and concepts and their application to the field of environmental management. Specific environmental issues will also be discussed and their relationship to the management of an organization.

**MGMT 4407 – Governance and Ethical Issues in Organizations**

(3 credits – TG) 3 hours lecture

Ethical governance in organizations can be described as the unnatural state. This course explores governance decision making in organizations. Emphasis will be placed on assessing the competing interests between social and personal values.

**MGMT 4431 – Leadership Development (formerly ENTR 4431)**

(3 credits – TG) 3 hours lecture

The course offers a balanced integration of theory and practice of skills generally accepted as necessary to leaders of small enterprises and other organizations. The course is designed to help guide individuals in developing specific personal management competencies. Topics include problem solving, decision-making, team building, initiating and managing change, organization, and managing conflict.

Prerequisite: Human Resources 2170 or Entrepreneurship 2237.

**MGMT 5333 – Strategic Management**

(3 credits – TG) 3 hours lecture

This capstone course develops the conceptual and applied skills associated with analyzing a competitive situation from a general management point of view. It addresses issues affecting the fundamental direction of the firm, considers the formulation and implementation of strategy, focuses on the extent to which different aspects of the firm fit with key environmental forces, and discusses the organization's ability to leverage its unique core competencies. The course views the organization holistically and, as such, goes beyond the mere integration of specific organizational functions.

Prerequisites: Management 3276, or Entrepreneurship 4431 or 4461, Marketing 2150, Human Resources 2170 or Entrepreneurship 2237, Accounting 3224 or Administration 1329, Finance 3227, Logistics & Supply Chain Management 4403 or Airflight 1242.

MGMT 2299, 3399 – Directed Readings

See Directed readings which are listed alphabetically in this section of the calendar.

MICROBIOLOGY (MIBI)**MIBI 1217 – Environmental Microbiology**

(3 credits) 2 hours lecture, 3 hours lab

This course provides an introduction to microbial structure and function, the role of microbes in the environment, and the use of microbes in bioremediation and the production of biofuels. The laboratory component of the course provides the student with hands-on training in microbiological techniques.

MIBI 2201 – Microbiology I

(3 credits – TG) 3 hours lecture, 3 hours lab

This course provides an introduction to microbiology, with emphasis on prokaryotes: their evolution, structure, genetics, metabolism, growth and nutrition. Students will also be introduced to some of the applications of microbiology in medicine, industry, and environmental science. The laboratory provides students with practice culturing, studying and identifying microorganisms using aseptic, microscopic and biochemical techniques.

Prerequisites: Chemistry 1201, Chemistry 1202, and Biology 2101, with grades of C- or higher.

MIBI 3105 – Microbiology II

(3 credits) 3 hours lecture

This course provides students with an opportunity to delve more deeply into topics introduced in Microbiology I. Concepts in microbial genetics, metabolism, ecology, and pathogenicity will be developed, and various applications of microbiology in medicine and industry will be explored.

Prerequisites: Microbiology 2201, Biochemistry 2201 and Biology 2202, or equivalents, with grades of C- or higher.

Recommended Preparation: Mathematics 2233

MARKETING (MKTG)

MKTG 2150 – Introduction to Marketing

(3 credits – TG) 3 hours lecture

This course provides an introduction to the fundamental concepts and principles of marketing including an introduction to the 4 P's or marketing mix - product, price, place and promotion. Upon successful completion of this course, the student will have the ability to: evaluate customer wants and needs; analyze and interpret market research; link trends in the environment to marketing decisions; develop a customer or target market profile for a product (good, service or idea); and communicate a marketing strategy effectively in visual, verbal and written formats. This course serves as the foundation for subsequent marketing courses.



MKTG 2154 – Professional Selling

(3 credits – TG) 3 hours lecture

This course provides an in-depth study of the sales process: prospecting, presenting, meeting objections and closing. Emphasis is placed on understanding the sales process and developing the skills necessary for successful selling. Using information access and retrieval skills, a complete sales presentation is developed and presented to the class.

MKTG 3150 – The Science of Persuasion

(3 credits) 3 hours lecture

Marketing ultimately hinges on the ability to comprehend human motivation in order to understand the attitudes and behaviours of people and organizations. In this course, students investigate the theory and practice of persuasion, learning to use these concepts to develop persuasive and compelling stories in visual, verbal and written formats.

Prerequisite: Marketing 2150.

MKTG 3253 – Retail Management

(3 credits – TG) 3 hours lecture

This course provides an introduction to the nature, scope, problems and challenges of retail management. The strategy and decision-making involved in location analysis, retail organization, merchandising and managing the retail mix is examined.

Prerequisite: Marketing 2150.

MKTG 3254 – Sales Management

(3 credits – TG) 3 hours lecture

This course provides an examination of the techniques of marketing and promotion, the direction and organization of sales personnel and the control of marketing costs. Students will discuss many of the business problems faced by an actual sales manager.

Prerequisites: Marketing 2150 and 2154.

MKTG 3255 – Services Marketing

(3 credits) 3 hours lecture

This course provides students with knowledge and understanding of the important differences between services organizations and manufacturing businesses, and focuses on the development and implementation of distinctive and innovative marketing strategies for services firms in the light of these differences.

Prerequisite: Marketing 2150.

MKTG 3256 – Advertising and Sales Promotion

(3 credits – TG) 3 hours lecture

Upon successful completion of this course, the student will be able to: understand the issues involved in planning integrated communication campaigns at a strategic and operational level; understand how to appraise the suitability of elements of the marketing communications mix for specified objectives; plan media effectively for a specified target audience; and evaluate the success of communication campaigns. The student will have the ability to prepare an effective fully integrated communications plan for a specified product or service.

Prerequisite: Marketing 2150.

MKTG 3257 – Business to Business Marketing

(3 credits – TG) 3 hours lecture

This course provides an examination of marketing in the business to business environment. Topics covered include organizational buying behaviour, evaluation of business markets and development of business to business marketing strategy. Students will have the opportunity to develop a trade show concept and exhibit the project to the class. Information access and retrieval skills are further developed in completing the project. The information must then be synthesized in order to draw conclusions, make decisions, solve problems and generate new ideas.

Prerequisite: Marketing 2150.

MKTG 3258 – Evidence-Based Marketing

(3 credits – TG) 3 hours lecture

Sound marketing decisions depend on transforming information into useful knowledge and evidence. This course explores the goals of evidence-based marketing and essential methodologies used to gain insight. Students will have the opportunity to learn how to support effective marketing decisions through focused market research and analysis.

Prerequisite: Marketing 2150.

Pre or Co-requisite: Management 2262.

MKTG 3450 – Marketing Design Literacy

(3 credits) 3 hours lecture

Design literacy introduces the creative tools and processes essential to marketing. This course examines the fundamentals of design for brands and campaigns across media platforms. Students will have the opportunity of discovering methods to develop beautiful, well-informed creative solutions that meet an organization's needs and resonate with its audiences.

Prerequisites: Marketing 3150 or 2154.

Pre or Co-requisite: Marketing 3258.

MKTG 3458 – Managing Marketing Relationships

(3 credits) 3 hours lecture

Business success depends on relationships with diverse groups of people, including customers, employees, shareholders, suppliers, distribution partners, communities and regulators. In this course students will have the opportunity to learn to identify, evaluate and prioritize these relationships. This will include areas of study such as social exchange theory, market segmentation and network analysis.

Prerequisite: Marketing 3258.

Pre or Co-requisite: Marketing 2154 or 3150.

MKTG 3550 – Creating Brand Intelligence

(3 credits) 3 hours lecture

Meaningful marketing campaigns are developed through a transdisciplinary, rigorous, and creatively-driven process. In this course, students are immersed in public critique and deconstruction of the creative and emotional potential of existing marketing assets. Students will be asked to reframe, redesign, rewrite and develop new elements for extraordinary advertising and promotional campaigns.

Prerequisite: Marketing 2154 or 3150.

Pre or Co-requisite: Marketing 3258.

MKTG 3558 – Navigating Marketing Trends

(3 credits) 3 hours lecture

The marketer's ability to understand complex issues today and anticipate change in the future drives competitive advantage. In this course, students will have the opportunity to understand how to determine the relevant contextual variables that impact strategy, such as the size and culture of the business, the nature of the industry, the competitive dynamics, and the relevant political, legal, social and technological trends.

Prerequisite: Marketing 3258.

Pre or Co-requisite: Marketing 2154 or 3150.

MKTG 4150 – Buyer Behaviour**(3 credits) 3 hours lecture**

Buyer behaviour is a discipline that looks at why people buy the things they do. This marketing discipline applies knowledge from areas such as psychology, sociology, anthropology, and economics to describe and understand how buyers are likely to behave. This course examines the complex behavioural processes which determine buyer behaviour and customer relationship management. A variety of situations will be analyzed with special reference to individual and group influences. Database planning, design and creation will be covered, with a focus on the role of the database in a firm's marketing strategy emphasizing customer relationship building and servicing.

Prerequisite: Marketing 2150.

MKTG 4259 – Marketing Decision Making**(3 credits – TG) 3 hours lecture**

This course uses a problem-solving approach to marketing concepts through case analysis and a business simulation. The course provides an in-depth examination of the decision-making necessary for marketing strategy formulation, product positioning, pricing, channel, marketing research, and promotion, and marketing for nonprofit organizations. The development of thinking skills is encouraged through activities such as distinguishing fact from opinion, challenging assumptions and recognizing bias in yourself and others. Communication of ideas both verbally and in writing is required.

Prerequisites: Marketing 2150 and 3258.

MKTG 4850 – Professional Brand Studio**(3 credits) 3 hours lecture**

In this design-driven capstone course, students will be asked to create effective, meaningful and aesthetically-inspired projects in a marketing agency atmosphere. Marketing communications objectives are framed with a community-based client. Students are expected to produce a major portfolio-quality project, including a unique statement of practice, highlighting their creative abilities and professional intent as they enter the marketing profession.

Prerequisites: Marketing 3450 and 3550 or 3256.

Pre or Co-requisites: Marketing 3458 or 3255 and 3558 or 3257.

MKTG 4858 – Marketing-Driven Strategy**(3 credits) 3 hours lecture**

This strategic senior course focuses on synthesizing the analytical marketing skills and knowledge built through the degree program to develop an integrated marketing plan. In this course, students will have the opportunity to develop a comprehensive marketing strategy and, through informed decision making, translate this strategy into a concise and persuasive marketing plan and presentation.

Prerequisite: Marketing 3458 or 3255 and 3558 or 3257.

Pre or Co-requisite: Marketing 3450 and 3550 or 3256.

MKTG 2299, 3399 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

MUSIC (MUSC)

MUSA – .5 Hour Private Instruction*

MUSB – 1 Hour Private Instruction*

MUSC – Lecture and Performance Courses

MUSD – 1.5 Hours Private Instruction (restricted to Music Diploma students)
All music courses must be chosen in consultation with the Mount Royal University Conservatory.

* Most music courses may be arranged on a private lesson basis. In the event of low enrolment in certain courses, an hourly rate as established by the Mount Royal University Conservatory will apply.

MUSC 1104 – Chamber Ensemble I**(2 credits – TG) 2 hours lecture**

This course involves the playing of chamber music (quartets and trios) appropriate to the student's instrument and coaching by a faculty member.

MUSC 1109 – Theory of Music I**(3 credits – TG) 2 hours lecture, 2 hours lab**

This course explores the theoretical fundamentals of music. Harmony, melody, and rhythmic elements will be explored in detail. Focus will be placed on the development of basic aural, sight-singing and rhythmic skills with an emphasis on melodic materials from the modal and tonal styles.

Prerequisite: Consent of the department.

MUSC 1110 – Music Exploration I**(3 credits – TG) 3 hours lecture**

Exploration of the art of music and its materials is undertaken in this course. The emphasis is on the development of listening skills beginning with obvious features and moving to more specific aspects of particular styles and types of music. Examples will be drawn from a variety of styles – classical and popular, past and present – and will coordinate with musical events in Calgary during the current semester.

MUSC 1115 – Choir I**(1 credit – TG) 3 hours practicum**

This choir performs a variety of literature from different periods and styles. Some vocal instruction is given in the context of the rehearsal, but the primary purpose is to present the singers with a broad selection of music and prepare it for public concerts.

Prerequisite: Permission of the Conductor. Audition required.

MUSC 1119 – Orchestra I**(1 credit – TG) 3 hours practicum**

Emphasis is placed on playing together as a group. Instruction in good ensemble playing will be given. Students supply their own instruments except those not commonly owned privately.

Prerequisite: A playing level of Grade VIII from any recognized conservatory. Audition required.

MUSC 1120 – Chamber Ensemble II**(2 credits – TG) 2 hours lecture**

This course is a continuation of Music 1104.

MUSC 1123 – Theory of Music II**(3 credits – TG) 2 hours lecture, 2 hours lab**

This course is a continuation of Music 1109. It will develop skills in Harmonic Analysis with focus on Western Classical Music. Melodic development and principles of counterpoint, classical, and contemporary forms will also be introduced. Focus will be placed on the development of basic aural, sight-singing and rhythmic skills with an emphasis on harmonic materials from the tonal styles. Multi-meter and cross rhythms will be introduced.

Prerequisite: Music 1109 or consent of the department.

MUSC 1214 – Choir II**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1115.

Prerequisite: Music 1115.

MUSC 1215 – Choir III**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1214.

MUSC 1216 – Choir IV**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1215.

MUSC 1219 – Orchestra II**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1119.

MUSC 1220 – Orchestra III**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1219.

MUSC 1221 – Orchestra IV**(1 credit – TG) 3 hours practicum**

This course is a continuation of Music 1220.

MUSC 1230 – Chamber Ensemble III

(2 credits – TG) 2 hours lecture

This course is a continuation of Music 1120.

MUSC 1234 – Jazz History I

(3 credits – TG) 3 hours lecture

This course familiarizes the student with the history of Jazz, from its early beginnings to current jazz practices, in the context of the prevailing social and economic conditions of the day. The principle exponents and various styles including BeBop, Cool Jazz, 3rd Stream Music, Hard Bop, Free Jazz, Jazz Fusion/Jazz Rock will be examined in terms of their contributions to the development of Jazz and Popular music, with a view to fostering an appreciation and understanding of its role, value, influence on today's musical world and establishment of trends for the future.

*Prerequisite: Consent of the department.***MUSC 1240 – Chamber Ensemble IV**

(2 credits – TG) 2 hours lecture

This course is a continuation of Music 1230.

MUSC 2109 – Theory of Music III

(3 credits) 2 hours lecture, 2 hours lab

This course focuses on theoretical fundamentals required for the study of Harmonic, Melodic and Form Analysis in Common Practice Chromaticism, including advanced modulation and extended chords will be introduced. Focus will be placed on the development of basic aural, sight-singing and rhythmic skills with an emphasis on harmonic materials and melodic from the modal and extended tonal styles.

*Prerequisite: Music 1123 or consent of the department.***MUSC 2123 – Theory of Music IV**

(3 credits) 2 hours lecture, 2 hours lab

This course will focus on skill development in detailed structural analysis of repertoire from the entire Common Practice style period. Principles of form, harmony, melody and rhythm from other styles will also be introduced. Focus will be placed on the development of advanced aural, sight-singing and rhythmic skills with an emphasis on chromatic melodic materials and extended harmonies.

*Prerequisite: Music 2109 or consent of the department.***MUSC 2201 – Introduction to Music History**

(3 credits – TG) 3 hours lecture

This course is an overview of the history of western art music, by means of listening and analysis, from its beginnings in Medieval Europe to the present day. It includes units on the music of the Medieval, Renaissance, Baroque, Classical, Romantic and 20th Century eras (including the significant pop/jazz developments).

MUSC 2241 – History of Musical Style I

(3 credits – TG) 3 hours lecture

This course examines the history of western art music from its beginnings in Medieval Europe through the Renaissance.

*Prerequisite: Music 2201.***MUSC 2251 – Jazz Theory I**

(3 credits – TG) 2 hours lecture, 2 hours lab

This course introduces the student to the fundamentals of Jazz Theory and Composition which, combined with the development of supportive musical skills, will improve the student's ability to master jazz improvisation and to perform the different styles and concepts inherent in Jazz and Popular music. Focus will be placed on the development of basic aural, sight-singing and rhythmic skills with an emphasis on melodic materials from the modal and tonal styles.

Prerequisite: Music 1123 or consent of the department.**MUSC 2253 – Jazz Theory II**

(3 credits – TG) 2 hours lecture, 2 hours lab

This course is a continuation of Music 2251. It will continue to develop an understanding of the fundamentals of Jazz Theory and Composition, combined with the development of supportive skills, to further improve the student's ability to master Jazz improvisation and to perform with greater success the different styles and concepts inherent in Jazz and Popular music. Focus will be placed on the development of basic aural, sight-singing and rhythmic skills with an emphasis on harmonic materials from the tonal styles Multi-meter and cross rhythms will be introduced.

*Prerequisite: Music 2251 or consent of the department.***MUSC 2261 – Jazz Composition and Arranging I**

(2 credits) 2 hours lecture

This course will cover practical arranging concepts and build a more extensive understanding of the application of jazz theory in arranging. Topics such as chord voicings, voice leading, voicing and transposition for horns, a linear approach to harmonization, arranging techniques for small jazz ensembles and writing for the rhythm section will be discussed.

*Prerequisite: Music 1237 or equivalent.***MUSC 2263 – Jazz Composition and Arranging II**

(2 credits) 2 hours lecture

Further development and application of arranging concepts. Weekly orchestrations based on existing instrumentation and use a variety of techniques to create and perform personalized arrangements of different pieces.

*Prerequisite: Music 2261.***MUSC 2281 – Jazz Improvisation I**

(3 credits) 3 hours lecture

Theory and techniques of jazz improvisation with an emphasis on functional harmony, melodic form, scales, tune studies, ear training, and development of style.

*Prerequisite: Music 1237 or equivalent.***MUSC 2283 – Jazz Improvisation II**

(3 credits) 3 hours lecture

The application theory in jazz improvisation Functional harmony, melodic concepts, transcription form, ear training and the development of style all consistent in depth. Weekly assignments utilizing a variety of techniques will lend the student to improved soloing and understanding.

*Prerequisite: Music 2281.***MUSC 3343 – History of Musical Style II**

(3 credits – TG) 3 hours lecture

This course examines the history of western art music from the Baroque era through Beethoven. Emphasis is on the evolution of musical style.

*Prerequisite: Music 2241.***MUSC 3345 – History of Musical Style III**

(3 credits – TG) 3 hours lecture

This course examines the history of western art music from the Romantic period to the present day. Emphasis is on the evolution of musical style.

*Prerequisite: Music 3343.***MUSC 1199, 1299 – Directed Readings**

See Directed readings which are listed alphabetically in this section of the calendar.

MUSIC – PRIVATE LESSONS

Private lessons are available through the Mount Royal University Conservatory. Arrangements for instruction can be made through The Conservatory Office, Room W302, Telephone 403.440.6821. Due to the specialized nature of instruction, fees for these courses are billed at a higher rate than other University courses. Fees for the courses listed below and other private lessons may be obtained directly from The Conservatory Office See section entitled **Special Fees** under **Fees and Deposits**. Lessons are offered in the areas listed below. A variety of instruction to meet individual needs can be arranged through The Conservatory Office Principal and Secondary Instruments or Voice:

MUSA – .5 Hour Private Instruction

(1 credit – TG) lecture

MUSB – 1 Hour Private Instruction

(2 credits – TG) lecture

MUSD 1100 Level – Principal Instrument or Voice I

(3 credits) 1.5 hrs/wk Private Instruction

The intent of this course is to focus on personal performance abilities. Through weekly one and a half hour lessons the qualified instructor will help each student master the elements of music through an in depth study of technical material and relevant musical literature. The student is expected to complete all assignments put forth by the instructor as well as an end of term performance and where applicable an end of year jury. Practice and attendance is necessary for success in this course.

Note: Restricted to Music Diploma students

MUSD 1200 Level – Principal Instrument or Voice II

(3 credits) 1.5 hrs/wk Private Instruction

The intent of this course is to focus on personal performance abilities. Through weekly one and a half hour lessons the qualified instructor will help each student master the elements of music through an in depth study of technical material and relevant musical literature. The student is expected to complete all assignments put forth by the instructor as well as an end of term performance and where applicable an end of year jury. Practice and attendance is necessary for success in this course.

Note: Restricted to Music Diploma students

MUSD 1300 Level – Principal Instrument or Voice III

(3 credits) 1.5 hrs/wk Private Instruction

The intent of this course is to focus on personal performance abilities. Through weekly one and a half hour lessons the qualified instructor will help each student master the elements of music through an in depth study of technical material and relevant musical literature. The student is expected to complete all assignments put forth by the instructor as well as an end of term performance and where applicable an end of year jury. Practice and attendance is necessary for success in this course.

Note: Restricted to Music Diploma students

MUSD 1400 Level – Principal Instrument or Voice IV

(3 credits) 1.5 hrs/wk Private Instruction

The intent of this course is to focus on personal performance abilities. Through weekly one and a half hour lessons the qualified instructor will help each student master the elements of music through an in depth study of technical material and relevant musical literature. The student is expected to complete all assignments put forth by the instructor as well as an end of term performance and where applicable an end of year jury. Practice and attendance is necessary for success in this course.

Note: Restricted to Music Diploma students.

SEMESTER				
	1	2	3	4
Keyboard				
Piano	1131	1231	1331	1431
Vocal				
Voice	1141	1241	1341	1441
Strings				
Violin	1151	1251	1351	1451
Viola	1152	1252	1352	1452
Cello	1153	1253	1353	1453
Bass	1154	1254	1354	1454
Harp	1155	1255	1355	1455
Guitar	11156	1256	1356	1456
Winds				
Oboe	1161	1261	1361	1461
Clarinet	1162	1262	1362	1462
Flute	1163	1263	1363	1463
Bassoon	1164	1264	1364	1464
Saxophone	1165	1265	1365	1465
Brass				
Trumpet	1171	1271	1371	1471
Trombone	1172	1272	1372	1472
French Horn	1173	1273	1373	1473
Tuba	1174	1274	1374	1474
Percussion				
Percussion	1191	1291	1391	1491

NONPROFIT STUDIES (NPRO)

NPRO 2010 – Directed Field Studies I

(15 credits)

The Directed Field Studies course requires students to work for an employer in a nonprofit capacity. This on-the-job experience combined with faculty mentoring will enable students to become skillful at both personal and situational analysis and to demonstrate proficiency in multi-discipline and business applications. Students must complete a series of research projects to relate their practical experience with their academic studies. Students may, with prior approval, engage in a new nonprofit organizational startup.

Prerequisites: Nonprofit Studies 2201, 2247, and 3305 with minimum grades of C or higher, or consent of the department.

NPRO 2201 – Rebels with a Cause

(3 credits) 3 hours lecture

This course introduces the context of social innovation and participation in Canada in the third sector. It explores the history of the nonprofit sector, its role in service delivery, and its composition, among other topics.



NPRO 2247 – Introduction to Volunteer Management

(3 credits) 3 hours lecture

This course discusses the role of the volunteer in the community and within a nonprofit organization. Course material will include a brief history of voluntarism, the recruitment and training of volunteers, and the role of volunteers in the planning and delivery of community programs. Special attention will be paid to the unique aspects of managing volunteers, including risk management, retention, recognition, and incentives.



NPRO 3010 – Directed Field Studies II

(15 credits)

This course requires students to work for an employer in the nonprofit sector of the economy. Students will typically be employed in a nonprofit organization, in government, or in industry. This on-the-job experience combined with faculty mentoring will enable students to become skillful at both personal and situational analysis and to demonstrate proficiency in multi-discipline nonprofit and business applications. Students may, with prior approval, engage in a new nonprofit organizational startup. Students will build upon the experiences gained from their first work term and demonstrate a higher level of competency in the nonprofit sector.

Prerequisites: Nonprofit Studies 2010 and Management 4407 with minimum grades of C or higher, or consent of the department.

NPRO 3305 – Agents of Social Change

(3 credits) 3 hours lecture

Framed by a discussion of social innovation, civic engagement, relationships and advocacy, this course examines programs of social change. It explores the processes, structures, organizations and programs in the third sector and helps students understand how to effect positive change.

NPRO 3730 – Special Topics in Social Innovation and Nonprofit Studies

(3 credits) 3 hours lecture

This course provides an examination of selected topics in social innovation, the third sector of nonprofit studies. As this is a variable content course, the specific topic will be announced and advertised each time it is offered. Students may not receive credit for this course more than once.

NPRO 4405 – Strategic Management for the Nonprofit Sector

(3 credits) 3 hours lecture

This course introduces the fundamentals of strategic planning and strategic management for the nonprofit sector. A variety of perspectives, models, and approaches to strategic planning are presented. Factors such as organizational leadership, culture, complexity, and dynamic issues external to the organization are covered.

Prerequisites: Nonprofit Studies 2010 or consent of the department.

NATURAL SCIENCE (NTSC)**NTSC 1112 – An Introduction to Current Environmental Issues**

(3 credits – TG) 3 hours lecture

This course involves a current, comprehensive and holistic overview of critical environmental issues for non-science majors. The environmental issues explored in this course from various points of view will serve as a valuable and solid foundation for students, who will be making decisions that shape the future of their society.

**NTSC 1115 – An Introduction to Forensic Science**

(3 credits) 3 hours lecture, 3 hours lab

This course offers students an opportunity to gain an understanding of a variety of forensic techniques, ranging from blood pattern analysis and identification of human remains, to gas chromatography, and DNA 'fingerprinting'. Hands-on laboratory exercises will reinforce these concepts. Successful students will also gain insight into how the 'CSI Effect' has altered the relationship between science and the legal system.

**NTSC 2201 – Environmentally Sustainable and Healthy Societies**

(3 credits – TG) 3 hours lecture

Every human being, every institution and every organization can make a difference in the quest for a sustainable and healthy future for humankind. This course will examine current practices that result in unhealthy societies and unsustainable environmental impacts and the changes that must be made in order to establish a sustainable and healthy future planet. Our future depends on managing our planet in ways that create sustainable relationships with our ecosystems.

**NTSC 2115 – Forensic Science I: Lab Analysis by Specialists**

(3 credits) 3 hours lecture, 3 hours lab

This course deals with the theoretical and practical aspects of forensics crime scene analysis. Topics will include: the discovery and examination of evidence found in and around human/animal remains to determine time of death; the analysis of drugs, unknown powders, bodily fluids found at crime scenes; determination of document fraud and arson; discussions about the use of computers and databases to help solve crimes and pinpoint suspects. A discussion of the legal and ethical issues resulting from the use of forensics scientific analysis and conduct in forensic investigations will also be included.

Prerequisite: Natural Science 1115.

NTSC 3000 – Experimental Science for Elementary Education

(3 credits) 1 hour lecture, 2 hours lab

This course will provide material and demonstrations that can be used in the elementary classroom. Demonstrations will include examples from all disciplines and levels within the Alberta Education elementary science program. Students will be expected to write up lab reports and to design, test, and present their own demonstration to the class.

Prerequisites: Two of Biology 1202, Chemistry 1201, Ecology 1210, Geology 1101, Physics 1201

NTSC 3301 – Environmental Health

(3 credits – TG) 3 hours lecture

Many aspects of human health are affected by the environment, and many diseases can be initiated, promoted, sustained or stimulated by environmental factors. For that reason the interactions of people with their environment are an important component of public health. This course introduces students to the complexity of environmental health issues facing society today.



Prerequisite: Natural Science 2201 or Biology 1202 or Chemistry 3357 or Nursing 2279 or 3375 or consent of the department.

NTSC 3321 – Environmental and Developmental Legacy of Alberta's Oil and Gas Industry

(3 credits) 3 hours lecture

This course investigates the development of Alberta's oil and gas industry in relation to how it affects our environment and our socio-economic development. Topics covered include analyses of changes in the environmental and socioeconomic status of Alberta since the oil discovery; and how changes in petroleum technologies and petroleum policies affect our environment and our economy. These concepts will be illustrated by using case studies drawn from companies and agencies involved in the Alberta's oil and gas development.

NATIVE STUDIES (NTST)**NTST 0130 – Introduction to Native Studies**

(0 credits)

This course will provide an overview of Aboriginal world views and belief systems. Students will gain an awareness of similarities and differences among First Nations in the area of social organizations, spiritual beliefs and cultural practices.

NURSING (NURS)

NURS 1111 – Theoretical Foundations of Nursing I

(3 credits) 3 hours lecture, 4 hours – field study

This course introduces the curriculum framework concepts of person, nursing, health and environment and the Bachelor of Nursing program goals. Emphasis will be placed on the history and evolution of the concepts of health and nursing as a basis for understanding the profession of nursing and knowledge based practice. Students will participate in a field experience observing nurses in a variety of roles.

Pre or Co-requisites: Biology 1220.

Co-requisite: Nursing 1112.

NURS 1112 – Health Promotion with Individuals I

(3 credits) 2 hours lecture, 2 hours lab

The focus of this course will be on the individual's holistic experience of health within the context of family and health promotion. Students will integrate theory and practice of health assessment related to determinants and patterns of health, foundational nursing care principles and intervention strategies.

Pre or Co-requisites: Biology 1220.

Co-requisite: Nursing 1111.

NURS 1213 – Health Promotion with Individuals II

(3 credits) 2 hours lecture, 2 hours lab

This course is a continuation of Health Promotion for Individuals I. Additional focus will be placed on understanding the family and the individual's holistic experience of health and health promotion. Students will further integrate theory and practice of health assessment related to determinants and patterns of health, nursing care, teaching principles and intervention strategies.

Prerequisites: Nursing 1111 and 1112, Biology 1220.

Pre or Co-requisite: Biology 1221.

Co-requisite: Nursing 1214.

NURS 1214 – Professional Practice I

(3 credits) 105 hours practice experience

The primary focus is on supporting/promoting health in providing safe, focused and knowledgeable nursing care to individuals experiencing episodic illness. Students will apply their understanding of patterns of health in the context of the determinants of health, and primary health care principles using a variety of guided learning experiences.

Prerequisites: Nursing 1111 and 1112, and Biology 1220.

Pre or Co-requisite: Biology 1221.

Co-requisite: Nursing 1213.

NURS 2111 – Theoretical Foundations of Nursing II

(3 credits) 3 hours lecture

This course continues exploration of the concepts of person, nursing, health and environment, with emphasis on holistic understanding of the individual's experience of illness in the context of the determinants of health, professional practice and primary health care. Students will also gain understanding of the local and national environments in which nurses practice.

Prerequisites: Nursing 1111, 1112, 1213 and 1214.

Co-requisite: Nursing 2112, 2113 and 2114.

NURS 2112 – Alterations in Health: Nursing Knowledge and Therapeutics I

4 credits (4 hours lecture, 2 hours tutorial, 2 hours lab alternating weeks) x first half of semester

This course helps students to understand nursing care for diverse individuals experiencing alterations in health, using health promotion approaches and resources. Students integrate the principles of pharmacology, pathophysiology and related nursing practice knowledge, critical thinking and clinical judgment.

Prerequisites: Nursing 1111, 1112, 1213 and 1214.

Co-requisite: Nursing 2111, 2113 and 2114.

NURS 2113 – Alterations in Health: Nursing Knowledge and Therapeutics II

3 credits (3 hours lecture, 2 hours tutorial, 2 hours lab alternating weeks) x second half of semester

This course occurs over the second half of a semester and is a continuation of Alterations in Health: Nursing Knowledge and Therapeutics I and helps students to understand nursing care for diverse individuals experiencing alterations in health, using health promotion approaches and resources. Students integrate the principles of pharmacology, pathophysiology and related nursing practice knowledge, critical thinking and clinical judgment.

Prerequisites: Nursing 1111, 1112, 1213, 1214.

Co-requisite: Nursing 2111 and 2114. Pre or co-requisite Nursing 2112.

NURS 2114 – Professional Practice II

(6 credits) 210 hours practice experience

This course focuses on promoting the health of diverse individuals within the context of family and community from a holistic, interdisciplinary and collaborative partnership approach to care, considering primary health care principles. Students will apply pharmacology, pathophysiology, nursing practice knowledge, critical thinking and clinical judgment to care of adults experiencing illness in hospital settings. Students will integrate previous and current theoretical and practical knowledge.

Prerequisites: Nursing 1111, 1112, 1213 and 1214.

Co-requisite: Nursing 2111, 2112 and 2113.

NURS 2215 – Health Promotion with Populations, Communities and Families

(3 credits) 3 hours lecture

This course focuses on the principles of population health, primary health care, health promotion and the determinants of health as a means of understanding populations, families, and communities and the larger social, political, cultural and economic factors that impact health. Students will interpret theoretical knowledge in order to make recommendations for nursing practice.

Prerequisites: Nursing 1111, 1112, 1213, 1214, 2111, 2112, 2113 and 2114.

Co-requisite: Nursing 2216.

NURS 2216 – Professional Practice III

(4 credits) 145 hours practice experience

This course will provide opportunities for students to use a population health promotion model while working with diverse high-needs population groups across the lifespan. Students complete a population/aggregate assessment and develop a planned intervention considering the principles of primary health care and population health within a community setting. Students will integrate previous and current theoretical and practical knowledge.

Prerequisites: Nursing 1111, 1112, 1213, 1214, 2111, 2112, 2113 and 2114

Co-requisite: Nursing 2215.

NURS 3102 – Adult Health

(3 credits) Variable lecture hours over 7 weeks

In this course students will use primary health care, considering population groups and influences, as a framework for promoting health, and providing holistic care for diverse adults and families experiencing complex acute and chronic illness. Students will examine effective collaborative relationships and inter-professional partnerships, advocacy, capacity building, critical thinking and clinical judgment in a variety of contexts.

Prerequisites: All previous Nursing 1100, 1200, 2100, 2200 level courses and Nursing 3112, 3114, 3122, 3124, 3132, 3134, 3142, 3144. Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3104.

NURS 3104 – Professional Practice in Adult Health**(4 credits) 144 hours clinical experience**

In this course students will integrate primary health care and population health strategies promoting health and providing holistic care for a diversity of adults and families experiencing complex acute and chronic illness in a variety of hospital settings and contexts. Students will demonstrate evidence based, ethical, safe, and effective nursing care reflecting critical thinking, clinical judgment and collaboration while integrating previous and current theoretical and practical knowledge.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses and Nursing 3112, 3114, 3122, 3124, 3132, 3134, 3142, 3144, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3102.

NURS 3112 – Family Newborn Health**(3 credits) Variable lecture hours over 7 weeks**

In this course students will use primary health care, considering population groups and influences, as a framework for promoting health, understanding and caring for the unique needs of child bearing individuals and families. Students will examine effective community and family centered approaches to care considering collaborative relationships and inter-professional partnerships, advocacy, capacity building, critical thinking and clinical judgment in a variety of contexts.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3112.

NURS 3114 – Professional Practice in Family Newborn Health**(4 credits) 144 hours clinical experience**

In this course students integrate primary health care and population health strategies promoting health and providing holistic care for child bearing individuals and families in a variety of settings and contexts. Students will demonstrate evidence based, ethical, safe, and effective nursing care reflecting critical thinking, clinical judgment and collaboration while incorporating community and family centered approaches. Students will integrate previous and current theoretical and practical knowledge.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3112.

NURS 3122 – Child Health**(3 credits) Variable lecture hours over 7 weeks**

In this course students will use primary health care, considering population groups and influences, as a framework for promoting health, and providing holistic care for a diversity of children and families considering their unique needs. Students will examine effective community and family centered approaches to care, considering collaborative relationships and interprofessional partnerships, advocacy, capacity building, critical thinking and clinical judgment in a variety of contexts.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3124.

NURS 3124 – Professional Practice in Child Health**(4 credits) 144 hours clinical practice experience**

In this course students integrate primary health care and population health strategies promoting health and providing holistic care for a diversity of children and families in a variety of settings and contexts. Students will demonstrate evidence based, ethical, safe, and effective nursing care reflecting critical thinking, clinical judgment and collaboration while incorporating community and family centered approaches. Students will integrate previous and current theoretical and practical knowledge.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3122.

NURS 3132 – Mental Health**(3 credits) Variable lecture hours over 7 weeks**

In this course students will use primary health care, considering population groups and influences, as a framework for promoting health, and providing holistic care for a diversity of adults and families experiencing acute and chronic mental illness. Students will examine effective collaborative relationships and inter-professional partnerships, advocacy, capacity building, critical thinking and clinical judgment in a variety of contexts.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3134.

NURS 3134 – Professional Practice in Mental Health**(4 credits) 144 hours clinical experience**

In this course students integrate primary health care and population health strategies promoting health and providing care for a diversity of adults and families experiencing acute and chronic mental illness in a variety of settings and contexts. Students will demonstrate evidence based, ethical, safe, and effective nursing care reflecting critical thinking, clinical judgment and collaboration while integrating previous and current theoretical and practical knowledge.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3132.

NURS 3142 – Seniors' Health**(3 credits) Variable lecture hours over 7 weeks**

In this course students will use primary health care, considering population groups and influences, as a framework for promoting health, providing holistic care and understanding the unique needs of a diversity of older adults and their families. Students will examine effective community and family centered approaches to care, considering collaborative relationships and interprofessional partnerships, advocacy, capacity building, critical thinking and clinical judgment in a variety of contexts.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3144.

NURS 3144 – Professional Practice in Seniors' Health**(4 credits) 144 hours clinical experience**

In this course students integrate primary health care and population health strategies promoting health and providing holistic care for a diversity of older adults and families in a variety of settings and contexts. Students will demonstrate evidence based, ethical, safe, and effective nursing care reflecting critical thinking, clinical judgment and collaboration while incorporating community and family centered approaches. Students will integrate previous and current theoretical and practical knowledge.

Prerequisites: All previous Nursing 1100, 1200, 2100, and 2200 level courses, Interdisciplinary Studies 1240, Health 2250, Psychology 2235, Physical Education 2007, Math 2333, General Education 1101 or 1102, and 1201,1202 or 1203, and 1301 or 1304 and 1401,1402, 1403 or 1404.

Co-requisite: Nursing 3142.

NURS 4111 – Leadership, Trends and Issues in Nursing**(4 credits) 4 hours lecture**

In this course students will examine concepts of leadership and critically appraise the changing social, geo-political and health care environments that influence the nursing profession, nursing practice and health. Students will develop appropriate strategies that will strengthen their capacities to influence and respond to current trends and issues.

Pre or Co-requisites: Nursing 3102 and 3104.

Co-requisite: Nursing 4112 and one of Nursing 4113, 4465, Health 4462, Advanced Studies in Critical Care Nursing 5531, 5551, Advanced Studies in Perinatal and Neonatal Nursing 5503 or Forensic Studies 5505.

NURS 4112 – Integrated Professional Practice**(3 credits) 120 hours clinical experience (full time over 3-4 weeks)**

This course is a consolidation experience in which students use health promotion and primary health care approaches to provide holistic care to a diversity of adults and families experiencing illness in acute hospital settings. Students will exemplify evidence based, ethical, safe and effective nursing care, and demonstrate critical thinking, caring inquiry, reflection and collaborative practice, while integrating previous and current theoretical and practical knowledge. The course prepares students for the transition to autonomous practice in NURS 5114.

Pre or Co-requisites: Nursing 3102 and 3104.

Co-requisite: Nursing 4111 and one of Nursing 4113, 4465, Health 4462, Advanced Studies in Critical Care Nursing 5531, 5551, Advanced Studies in Perinatal and Neonatal Nursing 5503 or Forensic Studies 5505.

NURS 4113 – Advanced Theoretical Perspectives in Professional Practice**(3 credits) 3 hours lecture**

This course provides students the opportunity to explore the theoretical perspectives of various nursing specialties, unique populations and healthcare settings. Selected topics in this course vary from semester to semester. Check with an academic advisor for details.

Pre or Co-requisites: Nursing 3102 and 3104.

Co-requisite: Nursing 4111 and 4112.

NURS 4465 – Supportive Environments For Mental Health**(3 credits) 3 hours lecture - Internet delivery**

This course focuses on developing supportive environments that contribute to mental health of individuals and local and global communities. This course intends to meet a need for awareness and understanding of these broad connections. In this course, theoretical concepts set the stage for mental health practice explorations. The notion of supportive environments provides a conceptual shift from problem solving to facilitating empowerment, from protection to liberation, and from exclusion to inclusion.

Pre or Co-requisites: Nursing 3102 and 3104.

Co-requisite: Nursing 4111 and 4112.

NURS 5114 – Transition to Independent Practice**(10 credits) 370 hours clinical experience**

This precepted experience provides opportunity for students to demonstrate a full scope of professional nursing practice. Students will care for selected persons (individual, family, community, population) in a variety of nursing practice settings, using health promotion, primary health care and population health strategies. Students will exemplify evidence based, ethical, safe and effective nursing care, and demonstrate critical thinking, caring inquiry, reflection, autonomy and collaborative practice in preparation for graduation. It is expected that the student will integrate all previous theoretical and practical knowledge.

Prerequisites: Nursing 4111, Nursing 4112, and one of Nursing 4113, 4465, Health 4462, Advanced Studies in Critical Care Nursing 5531, 5551, Advanced Studies in Perinatal and Neonatal Nursing 5503 or Forensic Studies 5505.

PHED EDUCATION (PHED)**PHED 1001 – Human Anatomy****(3 credits – TG) 3 hours lecture, 3 hours lab**

This course provides a systematic survey of the structure of the human body. Topics include: cells and tissues of the body; the anatomy of the skeletal, articular, muscular, digestive, respiratory, urinary, reproductive, circulatory, nervous, integumentary and endocrine systems. Labs are designed to provide practical demonstrations that parallel the material discussed in the lectures.



Note: To obtain transfer credit, Physical Education 1001 must be completed with a grade of C- or higher before enrolling in Physical Education 3001.

PHED 1003 – Historical and Philosophical Foundations in Sport and Culture**(3 credits – TG) 3 hours lecture**

This course provides an examination of the cultural meanings of sport, leisure, and physical education; and the place of the body in our culture both historically and in the present.

**PHED 1005 – Leadership and Communication in Physical Education****(3 credits – TG) 3 hours lecture**

This course presents the theory and application of leadership and interpersonal communication skills as they apply to large and small groups in the field of physical activity and sport.

PHED 1007 – Critical Thinking and Research Methods**(3 credits – TG) 3 hours lecture**

A study of the use of the analytical approach to communication with emphasis on information gathering, problem solving, search processes, describing and analyzing data and applying critical thinking to the discipline of physical education and kinesiology.

PHED 1050 – Practicum I in Sport, Recreation, and Physical Activity**(3 credits) 175 hours of practicum**

This is a formal industry experience with an assigned organization in the sport, recreation, and/or physical activity industries. Participants will be required to participate in the specified hours of practicum and to complete assignments. Students will be accepted into the practicum upon completion of the course prerequisites and/or consent of the department chair.

Prerequisites for the Practicum include the following courses: Physical Education 1203 and 1216 and Recreation Studies 1247, Entrepreneurship 2301 or 2201, Marketing 2150.

Note: Students must also be in Good Standing to participate in a Practicum.

PHED 1171 – Introduction to Outdoor Pursuits**(3 credits – TG) 3 hours lecture**

This course will survey the history, principles, philosophy, rationale and vocational opportunities of outdoor pursuits. Students will become familiar with fundamental camping and navigation techniques as the cornerstones of outdoor living. Participation is required in one weekend.

PHED 1201 – Foundations of Sport and Recreation**(3 credits) 3 hours lecture**

This course provides an introduction to the history and philosophy of sport/ physical activity and its relationship to culture. The focus will be the significance of the body and the human movement phenomenon. The emphasis is to provide a foundation for further research in physical activity and sport.

PHED 1203 – Organization and Administration of Sport and Recreation**(3 credits – TG) 3 hours lecture**

This course is a study of the principles and practices of administration and management of sport and recreation. Students will learn administrative (management) process and its relationship to other organizational functions such as communication, leadership, governance, evaluation and human resource management. Various organizational designs and structures available to sport and recreation administrators will be explored. Other topics include risk management, finances of sport and recreation organizations and running efficient meetings.

PHED 1216 – Program Planning for Physical Activity and Sport**(3 credits – TG) 3 hours lecture or 6 hours lecture for 6.5 weeks**

An in-depth study of the theory, methods, techniques, and skills used in planning physical activity and sport programs. Topics include principles of program planning; identification of program needs; program planning in specific settings; and program evaluation.

PHED 1225 – Organization and Administration of Sport**(3 credits – TG) 3 hours lecture**

This course provides an examination of the role, function and relationships of the administrator of athletic programs, their responsibilities to the athlete, coach, spectators, sponsor and the program. It is designed to give a philosophical overview as well as practical administrative skills to the sports and athletic program administrator.

PHED 1239 – Introductory Badminton**(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is an introductory course in badminton with the emphasis on skills, teaching and coaching strategies as well as the organization of clinics and tournaments.

PHED 1249 – Introductory Tennis**(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is an introductory course in tennis with the emphasis on skills, teaching and coaching strategies and the organization of clinics.

PHED 1293 – Introductory Aquatic Lifesaving**(3 credits – TG) 3 hours lecture**

Students will learn techniques of first aid, artificial respiration and other emergency care procedures required to assist a victim of an aquatic emergency. Students will also learn and perfect life saving skills related to water rescue. The Lifesaving Society Bronze Medallion and Bronze Cross Awards will be available to students who successfully meet all evaluation criteria.

Prerequisite: Students must be comfortable in deep water and be able to swim 200 metres continuously.

Note: Students will be responsible for payment of fees to outside organizations when the issue of a certificate involves a fee.

PHED 1295 – Water Safety Instructor**(3 credits – TG) 3 hours lecture**

This course includes a comprehensive study of the techniques of teaching swimming, water safety and life saving. Other aquatic activities such as aqua aerobics, diving, competitive swimming and snorkeling will be introduced. Students must demonstrate competent swimming, rescue and artificial respiration skills.

Prerequisite: Current Lifesaving Society Bronze Medallion or higher award or consent of the department.

Note: Students will be responsible for payment of fees to outside organizations when the issue of a certificate involves a fee.

PHED 1296 – Advanced Aquatic Life Saving**(3 credits – TG) 4 hours lecture**

Lifeguarding techniques for pools, basic first aid techniques and various emergency situations in aquatics will be studied. Students must meet the requirements for the Lifesaving Society National Lifeguard Service and Aquatic Emergency Care Award, Standard First Aid and Basic Cardiopulmonary Resuscitation Awards.

Prerequisite: Current Lifesaving Society Bronze Cross Award.

Note: Students will be responsible for payment of fees to outside organizations when the issue of a certificate involves a fee.

PHED 1297 – Basic SCUBA**(3 credits – TG) 3 hours lecture**

This is a comprehensive course designed to prepare students for SCUBA diving certification. It includes diving physics and medicine as well as optional open water dives.

Prerequisite: Medical certificate, Bronze Medallion or consent of the department.

Note: Students will be responsible for payment of fees to outside organizations when the issue of a certificate involves a fee. An additional lab fee of \$50 will be charged for this course.

PHED 2001 – Introductory and Intermediate Coaching**(3 credits – TG) 3 hours lecture**

This course provides exposure to motor learning, growth and development, philosophy, psychology, public relations, administration and training methods as it pertains to coaching. Students will be introduced to the material included in the National Coaching Certification Program Part A and Part B of the Multi-Sport Competition Instruction Stream.

PHED 2003 – Physical Growth and Motor Development**(3 credits – TG) 3 hours lecture**

This course will provide the student with an understanding of the physical changes that occur during the growth period from childhood to adolescence. Particular attention will focus on the impact of physical maturation and development as related to physical activity, exercise and skill acquisition. The influence of growth and development on the design and instruction of physical activity programs will be explored.

PHED 2005 – Sport & Exercise Psychology**(3 credits – TG) 3 hours lecture**

This course provides an introduction to the psychosocial concepts underlying an understanding of human behaviour in physical activity, sport and health. This course is divided into two equal components. The first examines the perspective of Exercise and Health Psychology, while the second uses the perspective of Personality and Social Psychology.

**PHED 2007 – Introductory Nutrition****(3 credits – TG) 3 hours lecture**

This course will provide the student with a basic understanding of the role of nutrition in health and fitness. By surveying the basics of human nutrition, and considering practical applications, the student will be prepared to apply nutrition guidelines to their individual nutrition needs and those of specialized populations.

**PHED 2102 – Basketball****(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is a comprehensive course in basic basketball skills, knowledge, teaching methods and team strategy.

PHED 2104 – Introductory Power Skating and Hockey Coaching

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is a theoretical and practical course on power skating techniques and ice hockey skills. The student will learn how to teach skating and organize hockey sessions for skill development. Topics include: proper use of biomechanical principles in skating; proper use of edges; drills to develop skating skills and techniques to develop necessary strength and power both on and off the ice. The student will be shown the proper execution of all basic hockey skills – shooting, passing, stickhandling and checking – and will be taught proven teaching progressions for each.

PHED 2106 – Soccer

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is a comprehensive course in basic soccer skills, knowledge, officiating and team strategy. Indoor and outdoor play will be covered. Lecture time will be spent on organizing tournaments, teaching methods and officiating the game of soccer.

PHED 2108 – Introductory Golf

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is an introductory course in golf with the emphasis on skills, rules, safety, etiquette, the care and selection of equipment and the organization of recreational activities.

PHED 2110 – Volleyball

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This course develops the basic fundamental volleyball skills needed to play at an intermediate level of volleyball. Volleyball knowledge, teaching methods and court strategy will be examined in detail. Coaching aspects and rule interpretations will also be reviewed.

PHED 2201 – The Essence and Experience of Physical Activity

(3 credits – TG) 3 hours lecture

This course investigates the fundamental factors, which influence the physical activities we choose, and the kinaesthetic principles governing how we move. Active participation in a variety of movement experiences (novel and familiar) will be an essential component of this course. This course will establish the fundamental kinaesthetic, physical and management parameters of physical activity.

PHED 2203 – Fundamental Fitness and Measurement

(3 credits – TG) 3 hours lecture, 2 hours lab

This is a foundation course in physical fitness incorporating the basic theory, testing and application of physical fitness, nutrition and weight control knowledge. It involves a lecture/lab presentation in which students will design personal fitness programs, apply the programs, test their progress and evaluate the results.

PHED 2228 – Flexibility and Relaxation

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is an introductory course, which will focus on developing a conceptual framework for utilizing flexibility and relaxation, in relation to overall fitness and personal well-being. A variety of relaxation techniques will be explored and incorporated in practical ways.

PHED 2255 – Elementary School Physical Education I

(3 credits – TG) 3 hours lecture

A comprehensive course involving aspects of the modern elementary school physical education program with a particular emphasis on movement experiences in games. Off campus travel is required for some field-work observation.

PHED 2257 – Elementary School Physical Education II

(3 credits – TG) 3 hours lecture

A comprehensive course involving aspects of the modern elementary school physical education program with particular emphasis on movement experiences in dance and gymnastics. Some off campus travel is required for practical experience.

PHED 2261 – Facility Development and Organizing Special Events

(3 credits) 3 hours lecture

This course focuses on both the facility development and management of facilities including a focus on strategies for organizing and managing special events. This course will provide a viable and practical how-to approach to facility management, development, and the organization of special events in physical activity and sport.

PHED 2304 – Introduction to Strength Training

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is a practical course in strength training with emphasis on skill and safety and the design of basic personal strength training programs.

PHED 2308 – Cardiovascular Training

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This course is designed to both improve the cardiovascular fitness of the student and, at the same time, familiarize him or her with theoretical knowledge and training regimens.

PHED 2367 – Physical Activity for Special Populations

(3 credits – TG) 3 hours lecture

This course provides an examination of specific problems within the psychomotor domain and the related delivery systems for their identification and amelioration. This is an applied course that focuses on the issues and challenges of providing physical activity experiences for persons with a disability.



PHED 2402 – Backpacking

(1.5 credits – TG) Block course, 12 hours lecture + weekend trip

This course is an exposure to the skills, knowledge and attitudes necessary for trail hiking, off trail rambling and below treeline camping in the backcountry. Harmonious and minimal impact living and walking in the natural environment is a major priority. Participation is required in one weekend.

PHED 2404 – Introductory Rock Climbing

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This is an introductory course in rock climbing with the emphasis on the skills necessary for easy lead climbing. Use will be made of indoor and outdoor facilities.

PHED 2406 – Back Country Skiing

(1.5 credits) 3 hours lecture for 6.5 weeks

This course is an introduction to the basic skills and knowledge of back country skiing. Participation is required in one weekend.

PHED 2408 – Mountain Bike Trekking

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This course is designed to provide students with the ability to demonstrate basic skills regarding safety, mountain bike maintenance and repair, riding technique and planning for back country touring. Participation is required in one weekend.

PHED 2410 – Wilderness Survival Techniques

(1.5 credits – TG) 3 hours lecture for 6.5 weeks

This course prepares students to handle emergency situations in the Canadian climate. Participation is required in one weekend.

PHED 2412 – Introductory Swimming

(3 credits – TG) 3 hours lecture

Students will perfect swimming strokes, water entries and basic self-rescue skills. Students will also complete the requirements for two levels of the Canadian Red Cross Swim program.

Prerequisite: Students enrolling in the course must be comfortable in deep water and be able to swim 100 metres continuously.

Note: Students will be responsible for payment of fees to outside organizations when the issue of a certificate involves a fee.

PHED 2414 – Introductory Canoeing**(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is an introductory course in canoeing with the emphasis on basic techniques, equipment, safety precautions, group dynamics and leadership skills. Students may be involved in moving water situations.

Prerequisite: Students must be able to swim 100 metres.

PHED 2416 – Introductory Kayaking**(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is an introductory course in kayaking with the emphasis on basic techniques, equipment, safety precautions, group dynamics and leadership skills. Students may be involved in moving water situations.

Prerequisite: Students must be able to swim 100 metres.

PHED 2418 – Introductory Mountaineering**(1.5 credits – TG) 3 hours lecture for 6.5 weeks**

This is an introductory course in mountaineering, which includes alpine and glacier techniques. Emphasis will be placed on safety and sound judgement. A peak ascent, within the Rocky Mountains, will be attempted. Participation is required in one weekend.

PHED 3001 – Biomechanics**(3 credits – TG) 3 hours lecture, 2 hours lab**

This course will provide the student with a basic knowledge of the mechanical principles that govern human movement and sport performance. By exploring linear and angular kinematics and kinetics the student will be prepared to apply their knowledge in both theoretical and practical contexts of human motion.

Prerequisite: Physical Education 1001 with a minimum grade of C-.

PHED 3003 – Prevention and Care of Athletic Injuries**(3 credits – TG) 3 hours lecture, 2 hours lab**

This course provides a study of the responsibilities of physical educators toward the basic principles of athletic therapy and their role in the prevention and treatment (first aid) of athletic injuries.

Prerequisite: Physical Education 1001 with a minimum grade of C-.

PHED 3150 – Practicum II in Sport, Recreation, and Physical Activity**9 credits (450 hours of practicum)**

This practicum experience provides students with a further opportunity to apply the Sport and Recreation Business and Entrepreneurship theories and skills studied during the previous semesters and to continue to build upon their experience from PHED 1050. It is expected that students will diversify their experience relative to the past experience. Students will be required to submit a practicum plan to the Sport and Recreation Business and Entrepreneurship practicum coordinator prior to embarking on the practicum placement. Goals and strategies will be reviewed by a Faculty Advisor prior to the work-term. Students will be accepted into the practicum upon completion of the course pre-requisites and/or consent of the department chair.

Prerequisite: Physical Education 1050.

PHED 3301 – Musculoskeletal Assessment – Spinal**(3 credits – TG) 2 hours lecture, 2 hour tutorial**

This course involves the study of athletic injuries that fall into the category of complex injuries, repetitive trauma; injuries common to athletics will be approached from the perspective of differential diagnosis. Assessment techniques utilized by Certified Athletic Therapists will be taught. Practical experience will emphasize the assessment of injured athletes as well as the utilization of appropriate intervention skills. Specific joints to be covered are: Cervical, Thoracic, Lumbar, Pelvis and Hip.

Prerequisite: Admission to the Advanced Certificate in Athletic Therapy.

PHED 3303 – Musculoskeletal Assessment – Peripheral**(3 credits – TG) 2 hours lecture, 2 hour tutorial**

This course involves the study of athletic injuries that fall into the category of complex injuries, repetitive trauma; injuries common to athletics will be approached from the perspective of differential diagnosis. Assessment techniques utilized by Certified Athletic Therapists will be taught. Practical experience will emphasize the assessment of injured athletes as well as the utilization of appropriate intervention skills. This course will deal with the following joints: finger, wrist, hand, forearm, elbow, shoulder, knee, lower leg and foot.

Prerequisite: Admission to the Advanced Certificate in Athletic Therapy.

PHED 3304 – Advanced Strength Training**(3 credits – TG) 3 hours lecture**

This is an advanced course in the theory and practice of strength training. Emphasis will be on the utilization of free weight equipment for participants requiring additional or advanced strength training.

Prerequisite: Physical Education 2304.

PHED 3305 – Therapeutic Modalities in Athletic Therapy**(3 credits – TG) 2 hours lecture, 2 hour tutorial**

This course will provide theoretical and practical in-depth knowledge of the safe and effective use of clinical modalities. Some of the topics include a review of the injury process, the transmission of energy, use of thermal agents, use of electrical agents and use of mechanical agents. These modalities are those typically used by Certified Athletic Therapists in Canada.

Prerequisite: Admission to the Advanced Certificate in Athletic Therapy.

PHED 3307 – Rehabilitation Techniques in Athletic Therapy**(3 credits – TG) 2 hours lecture, 2 hour tutorial**

This course will provide theoretical and practical in-depth knowledge of the safe and effective use of rehabilitation to enhance the recovery of injury. The techniques are those typically used by Certified Athletic Therapists in Canada.

Prerequisite: Admission to the Advanced Certificate in Athletic Therapy.

PHED 3311 – Advanced Rehabilitation Techniques in Athletic Therapy**(3 credits – TG) 2 hours lecture, 2 hour tutorial**

This course will build on the concepts learned in Physical Education 3301, 3303, 3305 and 3307. This course will integrate the assessment and rehabilitation of the body as a whole, viewing assessment and rehabilitation as a kinetic chain. Rehabilitation will be studied from the acute stage through to the chronic stages of an injury. This course will address the typical situations a Certified Athletic Therapist in Canada is confronted within a clinical setting.

Prerequisites: Physical Education 3301, 3303, and 3307.

PHED 3313 – Issues in Sports Medicine**(3 credits – TG) 3 hours lecture for 16 weeks or 6 hours lecture for 7 weeks**

This course will include the study and investigation of topics of sports medicine that have a direct affect on Certified Athletic Therapists in Canada. Some of the topics include the role of the sports medicine physician, the role of pathology in sports medicine, diagnostic tools available, the role of athletic therapists and the role of other paramedical professionals in the care of athletes. Other topics will arise within the context of the course work.

PHED 3315 – Practical Clinical Management and Administration in Athletic Therapy**(3 credits – TG) 3 hours lecture for 13 weeks or 6 hours lecture for 7 weeks**

This course will cover the theoretical and practical skills needed to operate an athletic therapy clinic or practice privately, with an athletic team or in conjunction with other paramedical professionals. Topics such as business plan writing, budgetary issues, marketing issues, personnel hiring and evaluation, physical planning of a clinic and operating, licensing, and codes will be covered.

PHED 3350 – Field Practicum I**(3 credits – TG) 2 hours lecture, 175 hours practicum**

This is a formal work experience with an approved agency. Participants will be involved in integration seminars, and will be required to participate in the specified hours of practicum and complete the assignments as required.

Co-requisites: Physical Education 3301 and 3303.

PHED 3352 – Field Practicum II**(3 credits – TG) 2 hours lecture, 175 hours practicum**

This is a formal work experience with an approved agency. Participants will be involved in integration seminars, and will be required to participate in the specified hours of practicum and complete the assignments as required. Typical assignments are log book recordings of activities and case study analysis of situations specific to fieldwork of a trainer or Certified Athletic Therapist in Canada. This course will allow students to continue with an agency for seasonal sports that coincide with the academic year such as hockey, basketball, volleyball or badminton. This course will also allow the student to join another agency for sports that only last one semester. An example of such a sport is indoor soccer.

Prerequisites: Physical Education 3301, 3303 and 3350.

Note: This course will be delivered in a block placement format. This course is limited to students enrolled in the Advanced Certificate in Athletic Therapy who have successfully completed or are concurrently enrolled in the core course requirements.

PHED 3354 – Clinical Practicum I**(3 credits – TG) 2 hours lecture, 175 hours practicum**

This is a formal work experience with an approved agency. Participants will be involved in integration seminars, and will be required to participate in the specified hours of practicum and complete the assignments as required. Typical assignments are log book recordings of activities and case study analysis of situations specific to fieldwork of a Certified Athletic Therapist in Canada. This work experience is specific and under the supervision of a paramedical professional such as a Certified Athletic Therapist, physiotherapist, sports medicine physician, chiropractor or sports massage therapist. Please note that the code of ethics for each of those professionals must be investigated and adhered to.

Prerequisites: Physical Education 3301, 3303, 3305, and 3307.

Co-requisite: Physical Education 3311.

Note: This course will be delivered in a block placement format. This course is limited to students enrolled in the Advanced Certificate in Athletic Therapy who have successfully completed or are concurrently enrolled in the core course requirements.

PHED 3356 – Advanced Clinical and Field Practicum**(6 credits) 275 hours practicum**

This is a formal work experience with an approved agency. Participants will be involved in integration seminars, and will be required to participate in the specified hours of practicum and complete the assignments as required. Typical assignments are logbook recordings of activities and case study analyses of situations specific to field and clinical work of a Certified Athletic Therapist in Canada. This work experience is specific and under the supervision of a paramedical professional such as a Certified Athletic Therapist, physiotherapist, sports medicine physician, chiropractor or sports massage therapist.

Prerequisites: Physical Education 3352 and 3354.

PHED 3385 – Physical Activity and the Older Adult**(3 credits – TG) 3 hours lecture**

This course will focus on the issues and challenges of providing physical activity experiences for the older adult with an emphasis on applied exercise leadership.

Recommended Preparation: Physical Education 2203 and 1001.

PHED 4001 – Exercise Physiology**(3 credits – TG) 3 hours lecture, 2 hour lab**

This course will provide an overview of the human body's response to acute and chronic exercise, exploring the principles of neuromuscular and cardiorespiratory physiology and energy metabolism. It will further examine gender differences in response to exercise, ergogenic aids, and physiological responses during exercise in altered temperature and atmospheric pressure and exercise in health and prevention of disease.

Prerequisite: Biology 1216 or 3104, or 3205.

PHED 4003 – Sociological Foundations in Sport and Culture**(3 credits – TG) 2 hours lecture, 1 hour tutorial**

An examination of current methodologies in the study of cultural meaning of sport, leisure and physical education.

**PHED 4005 – Motor Learning****(3 credits) 3 hours lecture, 2 hours lab**

This course presents the fundamental processes underlying the learning and performance of movement, how humans learn skilled actions and how the principles of motor performance and learning can be useful in teaching, coaching, rehabilitation and ergonomics.

Prerequisite: Physical Education 2003.

PHED 4101 – Advanced Coaching**(3 credits – TG) 3 hours lecture**

This course provides exposure to selecting and organizing sport specific training programs, evaluating fitness, detecting and correcting errors in skill techniques, advising on nutritional programs, developing mental strategies, pre-competition strategies, competition strategies, problem solving and motivational techniques for long term training programs. Students enrolled in this course may be trained in modules from the National Coaching Certification Program Competition-Development Multi-Sport stream.

Prerequisite: Physical Education 2001 or the National Coaching Certification Program Part A and B of the Competition Instruction Stream.

PHED 4267 – Issues and Trends in Sport and Recreation**(3 credits) 3 hours lecture**

This course addresses the constantly evolving nature of the field of sport and recreation. Students will research, study and discuss the issues and trends that impact the profession. To successfully meet the requirements of this course, students must demonstrate an ability to review and critique examples of research related to the field.

Prerequisites: Physical Education 3150 or with department consent.

PHED 4509 – Field School - A**3 credits (3 hours lecture)**

This course is designed to provide students with a learning experience outside of the traditional classroom setting. Students will travel nationally or internationally to a discipline-specific and relevant location related to their program of study. Students will apply theoretical principles learned throughout the program. A project (typically research based) will be completed while on location or data collection will occur throughout the experience. Please note that additional fees (travel, accommodation, sustenance, program fees) will apply outside of the standard tuition.

Prerequisite: Approval of the department.

PHED 4511 – Field School - B

(6 credits) 6 hours lecture

This course is designed to provide students with a learning experience outside of the traditional classroom setting. Students will travel nationally or internationally to a discipline-specific and relevant location related to their program of study. Students will apply theoretical principles learned throughout the program. A major project (typically research based) will be completed while on location or data collection will occur throughout the experience. Please note that additional fees (travel, accommodation, sustenance, program fees) will apply outside of the standard tuition.

Prerequisite: Approval of the department.

PHED 1199, 1299 – Directed readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

PHILOSOPHY (PHIL)**PHIL 1101 – Philosophy: Knowledge and Existence**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course provides an introduction to philosophy through the discussion of selected topics such as: skepticism, perception, personal identity, free will and determinism and God.

**PHIL 1149 – Philosophy: Values and Ethics**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course provides an introduction to philosophy through a first enquiry into the nature and justification of moral standards.

**PHIL 1175 – Reason and Argument**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course offers an introduction to deductive and inductive techniques used in appraising arguments. The course may contain some elementary formal logic, but its main focus will be on analyzing arguments as they occur in everyday life and ordinary language.

**PHIL 1179 – Introduction to Symbolic Logic**

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course introduces sentential and first-order logic from both deductive and semantic points of view. Some elementary metatheorems are also discussed.

**PHIL 2204 – Medieval Philosophy**

(3 credits) 3 hours lecture

The Medieval Period covers philosophical developments from the Roman Empire to the Renaissance. This course will investigate a subset of topics from this period selected from such things as moral and political philosophy, logic and metaphysics, epistemology, and philosophical theology. Included may be representative works from Latin, Arabic and Hebraic thinkers.

**PHIL 2211 – The Classical Period**

(3 credits – TG) 3 hours lecture

An introduction to philosophy through the study of a period in its history. A selection of philosophers from the Pre-Socratics, through Plato and Aristotle, to the Hellenistic and Roman philosophers will be discussed.

Recommended Preparation: Philosophy 1101 or 1149.

**PHIL 2215 – The Early Modern Period**

(3 credits – TG) 3 hours lecture

This course is an introduction to philosophy through the study of a period in its history. A selection of philosophers from Descartes through Kant will be discussed.

Recommended Preparation: Philosophy 1101 or 1149.

**PHIL 2216 – Nineteenth Century Philosophy**

(3 credits – TG) 3 hours lecture

This course serves as an introduction to nineteenth-century philosophy, including figures like Schiller, Fichte, Hegel, Darwin, Kierkegaard, Marx, Peirce, Nietzsche, Freud, and Bergson. Students will explore debates about the nature of life, history, rationality, freedom, and religion, becoming familiar with a range of philosophical approaches.

**PHIL 2219 – Philosophy of Law**

(3 credits – TG) 3 hours lecture

An investigation of philosophical accounts of the nature of law and legal systems. Acquaints the students with central positions in jurisprudence, such as the nature of law, the relationship of law to morality, punishment, rights, and justice.

Recommended Preparation: Philosophy 1149.

**PHIL 2221 – Metaphysics**

(3 credits – TG) 3 hours lecture

An examination of such topics as categories, existence, persons, space, time, necessity.

Recommended Preparation: Philosophy 1101.

**PHIL 2223 – Bio Ethics**

(3 credits – TG) 3 hours lecture

A critical and analytical examination of ethical and legal problems arising in and about health care. Issues to be considered may include: euthanasia, abortion, the conditions for the withdrawal of treatment, the physician-patient relationship, research on human subjects, and genetic engineering. The practical applications of ethical and legal theory are emphasized.

**PHIL 2229 – Business Ethics**

(3 credits – TG) 3 hours lecture

A critical and analytical examination of some central moral problems that arise in and for business. Emphasis throughout the course will be placed not only on the details of the particular problems studied but also on the conceptual and other tools needed to understand and resolve or solve such problems. Topics to be discussed will include: the moral responsibilities and rights of corporations and their officers, codes of business ethics, and conflicts of responsibilities and rights.

**PHIL 2237 – Feminist Philosophy**

(3 credits – TG) 3 hours lecture

Issues in feminist philosophy and methodology. Topics may include feminist theories of knowledge and science, ethics, metaphysics, political theory and feminist methodology.

Recommended Preparation: Philosophy 1101 or 1149.

**PHIL 2241 – Existentialism**

(3 credits – TG) 3 hours lecture

Existentialist thought is a historical movement in philosophy. It is also a methodology of philosophy that explores and demonstrates the significance of human existence itself. This course serves as an introduction to existentialist methods, debates, and concepts, as well as to significant existentialist thinkers.

**PHIL 2253 – Social and Political Philosophy**

(3 credits – TG) 3 hours lecture

In this course some of the fundamental issues in social and political thought are studied. Issues to be studied may include rights, justice, authority, equality, freedom, democracy, property, liberalism, the family and communitarianism.



PHIL 2263 – Theory of Knowledge

(3 credits – TG) 3 hours lecture

A study of some of the central problems in epistemology, including the following: knowledge and belief, empirical (perceptual and inductive) knowledge, a priori knowledge, appearance and reality, truth, and skepticism.

Recommended Preparation: Philosophy 1101.

**PHIL 2267 – Philosophy of Science**

(3 credits – TG) 3 hours lecture

For students in any discipline who would like to understand some of the fundamental principles of scientific enquiry and the place of scientific discoveries in human knowledge. Topics will include: scientific explanation, theory, prediction, confirmation, and, when feasible, other material relating to the interests of the students in the course.

Recommended Preparation: Philosophy 1101, 1175 or 1179.

**PHIL 2281 – Philosophy of Mind**

(3 credits – TG) 3 hours lecture

A study of topics such as: thought, emotions, action and the will, mind-body identity, personal identity, and theories about the nature of mind.

Recommended Preparation: Philosophy 1101.

**PHIL 2291 – Philosophy and the Environment**

(3 credits – TG) 3 hours lecture

Traditional and contemporary philosophical theories and methods will be brought to bear on issues raised by the relationship between human beings and their environment. Moral and other philosophical aspects of some major issues, such as pollution, population growth, and use of natural resources, will be considered.

**PHIL 3307 – Analytic Philosophy**

(3 credits – TG) 3 hours lecture

This course consists of a study of the motivations and positions of Analytical Philosophy, a movement that formed the basis of twentieth century English-language Philosophy. The course will examine some of the central concepts of Analytic Philosophy and their historical roots.

Prerequisite: Any course in Philosophy.

**PHIL 3333 – Philosophy of Art**

(3 credits – TG) 3 hours lecture

This course consists of an examination of the criteria and concepts employed in aesthetic evaluation. Aesthetics deals primarily with the concepts of art and beauty and with our evaluative judgments about them.

Prerequisite: Any course in Philosophy.

**PHIL 3345 – Topics in Moral Theory**

(3 credits – TG) 3 hours lecture

This course consists of an investigation of selected central theories in moral philosophy. In any given term, the course may focus on general theories or concepts, for example contemporary metaethics, utilitarianism, or theories of rights. Sometimes it may focus on a particular set of problems, such as moral personhood, free will, or moral responsibility.

Prerequisite: Any course in Philosophy.

**PHIL 3350 – Topics in Continental Philosophy**

(3 credits – TG) 3 hours lecture

This course examines key figures, methods and debates within continental philosophy. While its focus may vary, the course serves as an introduction to themes such as desire and embodiment, anxiety and despair, freedom and choice, transcendence and immanence, social oppression and resistance, cultural and religious difference.

Prerequisite: One of Philosophy 1101, 1149, 1175, 1179, 2241, 2211, 2215, 2219, 2221, 2223, 2229, 2237, 2253, 2263, 2267, 2281, 2291, 3307, 3333, 3345.

**PHIL 3368 – Philosophy of History**

(3 credits) 3 hours lecture

This course examines topics such as the relationship between fact and value in understanding history, the relevance of history to our understanding of human nature, the meaning of world history as a whole, theories of historical explanation and competing answers to the question "What is history?"

Prerequisite: One of Philosophy 1101, 1149, 1175, 1179, 2211, 2215, 2219, 2221, 2223, 2229, 2237, 2241, 2253, 2263, 2267, 2281, 2291, 3307, 3333, 3345.

**PHIL 4730 – Advanced Philosophical Topics**

(3 credits – TG) 3 hours lecture

While the study of philosophy involves engaging with canonical texts and thinkers, it extends to questions that expand the scope of research, illuminate problems, and compel methodological experiments. This seminar, designed for undergraduates with a background in philosophy, will enable students to bring disciplinary methods and debates to bear upon pressing contemporary issues in the discipline.

Prerequisite: At least one of Philosophy 3307, 3333, 3345, 3350, 3368, or consent of the department.

**PHIL 3199, 4199 – Directed readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

PHYSICS (PHYS)**PHYS 0130 – Introductory Physics**

(0 credits) 4 hours lecture, 2 hours lab

This is a credit-free upgrading course; special fees apply. In this course students will develop problem solving strategies using diagrams, algebra and graphing. Topics will include motion in one and two dimensions, forces, energy, momentum, electric and magnetic fields, and light.

Corresponding Alberta High School Equivalent: Physics 30.

Recommended Preparation: Mathematics 0115, Pure Mathematics 20, Mathematics 20-1 or equivalent.

PHYS 1104 – Everyday Physics – A Conceptual Introduction

(3 credits) 3 hours lecture, 1 hour tutorial

Physics is the study of the rules behind the working of the physical universe. This course makes the fun and excitement of doing physics accessible to non-science majors. Basic Concepts of physics will be introduced using the examples of everyday phenomena with reduced math content.

**PHYS 1131 – Optics, Oscillations and Waves**

(3 credits – TG) 3 hours lecture, 1.5 hours lab

This course offers a calculus-level introduction to oscillations and wave motion, with applications to mechanics, optics and acoustics. The topics covered include the harmonic oscillator, travelling and standing waves, and geometrical and wave optics. This course is designed primarily for engineering students intending to transfer to the University of Alberta (engineering students intending to transfer to the University of Calgary should take Physics 2369). However, this course is also suitable for students whose programme requires a first-year course in physics.

Prerequisites: Mathematics 31 or Mathematics 1200 or 2251 and Physics 30 or Physics 1201.

PHYS 1201 – Classical Physics I

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 2 hours lab
This course provides an introduction to Newtonian point mechanics. The topics covered include: vectors, motion in one and two dimensions including circular motion, forces, work and energy, and impulse and momentum. Laboratory exercises provide further insight into these topics.

Prerequisite: Pure Mathematics 30 or equivalent with a grade of 60% or higher.

**PHYS 1202 – Classical Physics II**

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 2 hours lab
This course provides an introduction to fluids, thermodynamics and electromagnetism. The topics covered include: pressure, Pascal's and Archimedes' principles, temperature, the ideal gas law, the laws of thermodynamics, electric forces and fields, electric potential, electric currents and circuits, and magnetic forces and fields. Laboratory exercises provide further insight into these topics.

Prerequisites: Mathematics 1200 and Physics 1201 with grades of C- or higher.

**PHYS 2201 – Acoustics, Optics and Radiation**

(3 credits) 3 hours lecture, 1 hour tutorial, 2 hours lab
This course offers a rigorous introduction to wave motion and its applications to acoustics, optics and radiative energy transfer. The topics covered include the harmonic oscillator, travelling and standing waves, and geometrical and wave optics. **This course is intended for students pursuing a specialization in the physical sciences such as chemistry, geophysics and physics.**

Prerequisites: Mathematics 1202 and Physics 1202 with grades of C- or higher, or consent of department.

PHYS 2203 – Electromagnetism

(3 credits – TG) 3 hours lecture, 1 hour tutorial, 2 hours lab
This course employs a calculus- and vector-based approach to electromagnetism. The topics include: electric charges, electric fields and potentials, electric currents, magnetic fields, electromotive force and induction, time-varying electric and magnetic fields, electromagnetic properties of materials, and elements of atomic structure.

Prerequisites: Mathematics 1202 and Physics 1202 with grades of "C-" or higher, or consent of department.

PHYS 2369 – Acoustics, Optics and Radiation

(3 credits – TG) 3 hours lecture, 2 hours lab
This course offers a rigorous introduction to wave motion and its applications to acoustics, optics and radiative energy transfer. The topics covered include the harmonic oscillator, travelling and standing waves, and geometrical and wave optics. **The course is designed primarily for engineering students intending to transfer to the University of Calgary (engineering students intending to transfer to the University of Alberta should take Physics 1131).**

Prerequisites: Mathematics 1217, 1219 and Engineering 1215.

PHYS 3103 – Introduction to Biophysics

(3 credits) 3 hours lecture; 1.5 hour tutorial
The aim of this course is to apply concepts and laws of physics to the study and understanding of living systems. As shown in the course outline, the topics that will be covered are: biomechanics of bone and muscle, hemodynamics, diffusion and osmosis, physics of respiration and cough, heat regulation mechanisms, electro-reception and conduction of impulses along the nervous system, magnetic sense, and the physics of vision and hearing.

Prerequisites: Mathematics 1200, Physics 1202 or 1212 and Biology 1202.

Note: Credit for both Biology 3103 and Physics 3103 will not be allowed.

PHYS 3401 – Solid State

(3 credits) 3 hours lecture, 4 hours lab

This course is a study of the models and concepts underlying the field of inorganic chemistry, and the physics of chemical species in the solid state. Topics covered will include coordination complexes. The laboratory component involves synthesis and analysis of inorganic compounds, investigation of semiconductor materials, and research on nanotechnology. Credit for both Chemistry 3401 and Physics 3401 will not be permitted.

Prerequisites: Chemistry 1201, Chemistry 1202 and Physics 1202, all with a grade of C- or higher.

NOTE: Credit for both Chemistry 3401 and Physics 3401 will not be allowed.

PHYS 3601 – Thermodynamics

(3 credits) 3 hours lecture, 3 hours lab

This is an introduction to thermodynamics from a modern macroscopic perspective. Lecture topics will include the laws of thermodynamics, Maxwell relations, internal energy, enthalpy, entropy, Helmholtz and Gibbs free energies, chemical potential and equilibrium, as well as a detailed study of the Kinetic Theory of Gases for mono- and polyatomic gases, both ideal and real. The laboratory component will support the lecture material through theoretical modeling and basic thermodynamic and kinetic experiments.

Prerequisites: Chemistry 1201, Chemistry 1202, Physics 1202 or 1212 and Mathematics 1202, all with a grade of C- or higher or department consent.

Note: Credit for both Chemistry 3601 and Physics 3601 will not be allowed.

PHYS 3602 – Elementary Quantum Mechanics

(3 credits) 3 hours lecture, 3 hours lab

This is an introductory course in quantum mechanics. The basic theory and formalisms of quantum mechanics will be developed, followed by its application to a variety of model systems from atomic and molecular physics and chemistry; including a discussion of electron spin with reference to both single- and multielectron atoms. The lab will consist of classic experiments in quantum mechanics and spectroscopy.

Prerequisites: Chemistry 1201, Chemistry 1202, Mathematics 1202, Mathematics 1203, and Physics 2201 with grades of C- or higher, or department consent.

Recommended Preparation: Mathematics 2207.

Note: Credit for both Chemistry 3602 and Physics 3602 will not be allowed.

PHYS 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

POLITICAL SCIENCE (PLSC)**PLSC 1101 – Introduction to Government and Politics**

(3 credits – TG) 3 hours lecture

This course provides a systematic introduction to the basic concepts and institutions of the process of politics.

**PLSC 1123 – Canadian Political Issues**

(3 credits – TG) 3 hours lecture

This course explores selected themes in Canadian politics, such as federalism and regionalism, the Charter of Rights, issues of diversity and citizenship, and how we are governed.

**PLSC 1183 – Issues and Trends in World Politics**

(3 credits – TG) 3 hours lecture

Major trends and issues in world politics, such as international tensions, migration, ethnic conflicts, human rights and sustainable development.



PLSC 2210 – History of Political Thought I

(3 credits – TG) 3 hours lecture

This course focuses on the quest for the Good Regime in the West. The criteria for the Good Regime will be enunciated and applied to the Classical (Platonic, Aristotelian and Roman) and the Medieval (Augustinian and Thomistic) conception of the Good Regime.

Recommended Preparation: Political Science 1101 or Philosophy 1149

Note: Political Science 2210/2211 = U of C POLI 310.

**PLSC 2211 – History of Political Thought II**

(3 credits – TG) 3 hours lecture

This course is a continuation of Political Science 2210. It focuses on the Machiavellian, Liberal, Marxian and Utopian conceptions of the Good Regime.

Recommended Preparation: Political Science 1101 or Philosophy 1149

Note: Political Science 2210/2211 = U of C POLI 310.

**PLSC 2227 – Women and Politics**

(3 credits – TG) 3 hours lecture

Examination of political participation by women, women's issues and public policy and feminist political theories.

**PLSC 2231 – The Canadian State**

(3 credits – TG) 3 hours lecture

The formal institutions of the Canadian state, including Parliament, the executive, federalism, the Constitution, and the courts. Emphasis on the way that political processes are shaped by these and other institutions.

Prerequisite: Political Science 1101 or 1123.

**PLSC 2237 – Perspectives on Political Economy**

(3 credits – TG) 3 hours lecture

This course is an introduction to Political Economy concepts and perspectives. These are then applied to the analysis of interconnected political and economic issues, both historic and current. It will utilize a case approach with a Canadian emphasis.

Prerequisites: Economics 1101 or 1103, and Political Science 1101 or 1123.

PLSC 2243 – Law, Politics and the Judicial Process

(6 credits – TG) 3 hours lecture, 1 hour tutorial, 2 hours lab

The judicial system as a branch of government and as a part of the political process. Focus on the Canadian judiciary within a comparative context.

Prerequisite: Any one of Political Science 1101, 1123 or Applied Justice Studies 2201, 2209, 2211, 2213 or 2215.

**PLSC 2259 – Comparative Government and Politics**

(3 credits – TG) 3 hours lecture

An introduction to the analytical concepts of the comparative approach to political analysis.

Prerequisite: Political Science 1101.

**PLSC 2287 – Introduction to International Relations**

(3 credits – TG) 3 hours lecture

The structures and processes of international relations and foreign policy.

Prerequisite: Political Science 1101 or 1183.

**PLSC 2298 – Politics and the Media**

(3 credits – TG) 3 hours lecture

This course will consider how politics is portrayed in the coverage given it by the mass media, with special emphasis on the cognitive psychology involved in framing issues and the coverage of political events by television and the new media of the Internet. Canadian and American experience will be stressed.

**PLSC 3229 – Alberta and Provincial Politics (formerly PLSC 2229)**

(3 credits – TG) 3 hours lecture

This course will examine Alberta politics and governance. Reference will be made to the province's political history, as well as an overview of Alberta's political institutions: the legislature, cabinet, political parties and administrative structure. Various policies – especially oil and gas – will be examined as to their impact on the province's political life.

Prerequisite: One of Political Science 2210, 2211, 2227, 2231, 2237, 2243, 2259, 2287, or 2298.

**PLSC 3303 – Federalism**

(3 credits – TG) 3 hours lecture

This course is of interest to anyone who wishes to advance their understanding of key constitutional matters, government-level decision making, and policy development. This course will focus primarily on the Canadian federation. However, it will also explore other federal systems in a comparative setting, particularly the United States and Mexico, our continental partners in trade. With this course, students will acquire advanced knowledge of an essential aspect of Canadian constitutional, economic, and political life.

Prerequisites: Economics 1103, Political Science 1101 and 2231.

Note: only one of PLSC 3303 or POST 3303 can be used for graduation purposes.

**PLSC 3305 – Interest Groups and Group Behaviour**

(3 credits – TG) 3 hours lecture

This course is of interest to anyone who wishes to advance their knowledge of the role of interest groups and their influence in policy formation, policy implementation and policy administration in a complex federal system with overlapping jurisdictions.

Prerequisites: Policy Studies 2201 and 3303 or Political Science 3303.

Note: only one of PLSC 3305 or POST 3305 can be used for graduation purposes.

**PLSC 3351 – American Government and Politics**

(3 credits – TG) 3 hours lecture

This course introduces students to the key institutions and processes of the United States government. Particular emphasis will be placed upon the building of the American state, the constitution, federalism, the branches of government and separation of powers, and the influence of culture and the media on the political process.

Prerequisite: Political Science 2259.

PLSC 3382 – International Organizations

(3 credits) 3 hours lecture

This course introduces students to various international organizations in order to generate an understanding of their strengths and weaknesses as institutions of global governance. The course examines the United Nations, the North Atlantic Treaty Organization and the European Union, among others, and includes a Model United Nations simulation.

Prerequisite: Political Science 2287.

Note: Students may be responsible for personal travel and subsistence costs associated with enrolment in Political Science 3382 due to the Model United Nations component of the course. If these costs are a concern to you, check with your instructor prior to registration.

PLSC 3411 – Modern Political Thought

(3 credits – TG) 3 hours lecture

PLSC 3411 continues the study of recurrent themes in political thought as were introduced in PLSC 2210 and 2211, particularly on the evolution of modern ideas about human nature, political institutions, political behaviour, and political obligation. Areas covered include the various forms of liberalism, conservatism, postmodernism, communitarianism, feminism, and socialism.

Recommended Preparation: Political Science 2210 or 2211 or Philosophy 2253



PLSC 3485 – The Politics of the International Economic Order

(3 credits – TG) 3 hours lecture

Analysis of the political management of international economic relations. Topics include the politics of trade and money relations, energy, multinational corporations and the New International Economic Order.

Prerequisite: Political Science 2287.



PLSC 3489 – Foreign Policies of the Major Powers

(3 credits – TG) 3 hours lecture

This course provides an analysis of the foreign policies of selected major powers like the United States, Russia, China, the United Kingdom, and Canada. Topics include: understanding foreign politics, theories of foreign policy, determinance of foreign policy, balances of power and decision-making models.

Prerequisite: Political Science 2287.



PLSC 4431 – Managing and Implementing Public Policy

(3 credits – TG) 3 hours lecture

This course develops practical understanding and a working knowledge of the instruments and techniques of policy implementation. Topics include, understanding public policy formation, defining government's role, choosing policy instruments for policy outcomes, designing an implementation process and managing the implementation process.

Prerequisites: Policy Studies 2201, 2209 and 3303 or Political Science 3303.

Note: only one of Political Science 4431 or Policy Studies 4431 can be used for graduation purposes.

PLSC 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

POLICY STUDIES (POST)

POST 2201 – Introduction to Public Policy

(3 credits – TG) 3 hours lecture

This course is designed to advance the degree student's knowledge of public (government) policy development, initiation, and implementation. This course introduces students to various theories, models and approaches utilized by scholars and professional evaluators in the field of policy studies. This course also prepares students for the intellectual demands and skill-based practicalities needed in their future careers in the policy field.

Prerequisites: Political Science 1101 and 2231, or permission from the department.

POST 2209 – Methodology and Statistics

(3 credits – TG) 3 hours lecture, 1 hour lab

Credible and competent policy decisions are based on statistical and strategic thinking. This course teaches statistical thinking abilities (identifying appropriate statistical techniques, computing required statistics, and interpreting the results) and applies them to the policy development process. Students learn the applied techniques, through the use of Microsoft Excel, employed by policymakers in all sectors of the economy.

Prerequisites: Economics 1101 and 1103, Political Science 1101, Policy Studies 2201.



POST 3030 – Internship

(15 Credits)

This course will foster an understanding of the culture and professional practices within administrative fields, and enhance understanding of public policy development. Students will be involved in a paid work experience in a government agency, a company, a research institute, or a non-governmental organization. The internship provides an opportunity to refine and hone the academic knowledge and analytical skills acquired in previous Policy Studies courses and apply them to an actual workplace/policy environment.

Prerequisites: Completion of a minimum of 20 required courses contained in the Policy Studies degree program, including Policy Studies 2201, 2209, 3303, 3305, and Economics 2213, 2244, Political Science 2231, 2259, 2287 and English 2263 with a minimum grade of C or higher. Attendance at all Career Services professional development workshops required to prepare students for their Internship.

POST 3303 – Federalism

(3 credits – TG) 3 hours lecture

This course is designed for the Policy Studies degree student, but is of interest to anyone who wishes to advance their understanding of key constitutional matters, government-level decision making, and policy development. This course will focus primarily on the Canadian federation. However, it will also explore other federal systems in a comparative setting, particularly the United States and Mexico, our continental partners in trade. With this course, students will acquire advanced knowledge of an essential aspect of Canadian constitutional, economic, and political life.

Prerequisites: Economics 1103, Political Science 1101 and 2231.



POST 3305 – Interest Groups and Group Behaviour

(3 credits – TG) 3 hours lecture

This course is a third year core requirement for students in the Policy Studies degree program. The course develops practical understanding and a working knowledge of the role of interest groups and their influence in policy formation, policy implementation and policy administration in a complex federal system with overlapping jurisdictions.

Prerequisites: Policy Studies 2201 and 3303.



POST 4421 – International Economic Policy

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This is a senior course normally taken in the sixth semester of the Policy Studies degree program. Students will acquire basic competency in accessing, processing, and interpreting data relevant to international economics issues. The focus is on the theory and policy of international trade, monetary, and financial issues. Topics include restrictive trade practices and tariff policy, exchange rate regimes and their effects on prices and output, the political economy relating to the laws, the structure and actors influencing Canadian trade and monetary policy on the international flows of production, and capital/financial investment. Upon completion, students will have algebraic, graphical and data manipulation skills to evaluate, analyze and compose thoughtful written proposals on issues related to international economic policy.

Prerequisites: Policy Studies 2201, and 2209, Economics 2213, and Political Science 2287.

POST 4431 – Managing and Implementing Public Policy

(3 credits – TG) 3 hours lecture

This course is a senior-year core requirement for students in the Bachelor of Policy Studies. The course develops practical understanding and a working knowledge of the instruments and techniques of policy implementation. Topics include, understanding public policy formation, defining government's role, choosing policy instruments for policy outcomes, designing an implementation process and managing the implementation process.

Prerequisites: Policy Studies 2201, 2209 and 3303.

POST 4443 – Survey of Public and Private Law Principles

(3 credits – TG) 3 hours lecture

This is a senior survey designed to familiarize Bachelor of Policy Studies students with the principles of Canadian law in general and the particular distinctions between public and private forms of law.

Prerequisites: Policy Studies 2201, 3303 and Political Science 1101 and 2231.

POST 5010 – Selected Topics in Policy Studies

(3 credits) 3 hours lecture

This capstone course is designed for the student enrolled in the final academic year of the Policy Studies degree program. The course relates theoretical frameworks to real-world policy issues which are both current and topical. It will address different topics in a seminar-style format, with discussion being led by faculty with particular expertise in the policy areas under examination.

Prerequisites: Policy Studies 2201, 2209, 3303, and 3305.

POST 5020 – Integrative Professional Practice

(3 credits) 3 hours lecture

This capstone course is a senior-year core requirement for students in the Policy Studies degree program. The course develops a practical understanding and a working knowledge of the organisational relationships and professional conduct in institutions and agencies that formulate and implement public policy. The emphasis is on strengthening competency and familiarity with accepted professional conduct, ethical and legal environments and intra-group and inter-institutional techniques for effective problem solving and communication. Topics include personal responsibilities, civil rights and labour law, Conflict of Interest Guidelines, collaborative partnerships, motivation and performance, and public communication.

Prerequisites: Policy Studies 2201 and 4431.

POST 5120 – Honours Thesis

(3 credits)

In this course, students complete an honours thesis between 40 and 60 pages. The thesis is original research under the direction of an academic supervisor and will culminate in a formal paper. The submission of the written thesis is to be followed by an oral defence. The thesis is to be completed in the winter semester of the student's final year.

Co-requisite: Policy Studies 5020.

Note: Open only to students admitted to and enrolled in the Policy Studies Honours program.

PSYCHOLOGY (PSYC)

PSYC 1103 – Introduction to Psychology I: Natural Science

(3 credits – TG) 3 hours lecture

This course introduces the history, methods, and current state of knowledge in selected areas of modern psychological research. A range of content areas will be surveyed, including biological psychology, sensation and perception, learning, memory, cognition, and consciousness.

Note: Psychology 1103 and 1104 are required for BA Psychology majors. Non-majors may instead take Psychology 1105 and use it as a prerequisite for most 2000-level Psychology courses. Students who complete 1105 but who subsequently become Psychology Majors will be required to complete Psychology 1103 in addition to 1105. Only one of Psychology 1105 and 1104 can be used to satisfy graduation requirements for the BA (Psychology) degree. Credit will be allowed for only one of Psychology 1102 and Psychology 1103.

PSYC 1104 – Introduction to Psychology II: Social Science

(3 credits – TG) 3 hours lecture

This course provides a survey of the current psychological knowledge in a range of topics that will include developmental psychology, personality, psychological disorders, therapy, stress, social psychology, assessment, motivation and emotion.

Prerequisite: Psychology 1103.

Note: Psychology 1103 and 1104 are required for BA Psychology majors. Non-majors may instead take Psychology 1105 and use it as a prerequisite for most 2000-level Psychology courses. Students who complete 1105 but who subsequently become Psychology Majors will be required to complete Psychology 1103 in addition to 1105. Only one of Psychology 1105 and 1104 can be used to satisfy graduation requirements for the BA (Psychology) degree. Credit will be allowed for only one of Psychology 1101 and Psychology 1104.



PSYC 1105 – Introduction to Psychology

(3 credits – TG) 3 hours lecture

This course introduces the history, methods, and current state of knowledge in modern psychological research. A wide range of content areas will be surveyed, including biological psychology, learning, memory, perception, personality, psychological disorders, therapy, stress, social psychology, psychological development in children, and the ethics of research. Additional topics may be included at the discretion of the instructor.

Note: Psychology 1105 is intended for non-Psychology majors only and can be used as a prerequisite for most 2000-level Psychology courses. Psychology 1103 and 1104 are required for BA Psychology majors. Students who complete 1105 but who subsequently become Psychology Majors will be required to complete Psychology 1103 in addition to 1105. Only one of Psychology 1105 and 1104 can be used to satisfy graduation requirements for the BA (Psychology) degree.

PSYC 1121 – Interpersonal Communications I

(3 credits – TG) 3 hours lecture

This course provides an opportunity to explore some important aspects of interpersonal communication, to develop a greater understanding of interpersonal effectiveness, and on the basis of this understanding to practice behaviours, that increase interpersonal effectiveness.

PSYC 2210 – Statistical Methods for Psychology I

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course introduces basic statistical techniques as applied to psychological research. Tabulation, graphic representation, univariate descriptive techniques, correlation and linear regression will be examined. The course will also cover basic inferential statistics, including normal curve and t tests. Students will learn statistical software and will use the software to perform calculations.

Prerequisite: Mathematics 30 (pure or applied) or equivalent;

Prerequisite or Co-requisite: Psychology 1104 or Psychology 1105.

PSYC 2211 – Statistical Methods for Psychology II

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course introduces students to more advanced statistical techniques than those covered in Psychology 2210 (Statistical Methods for Psychology I). Statistical processes such as multiple regression, one-way and two-way analysis of variance including post-hoc comparisons, and non-parametric hypothesis tests are included. Students will use statistical software to perform data analyses.

Prerequisite: Psychology 2210

Note: Credit will be allowed for only one of Psychology 2212 and Psychology 2211.

PSYC 2213 – Research Methods I

(3 credits – TG) 3 hours lecture, 1 hour tutorial

This course is an introduction to basic research methods in psychology. Students will examine both the theory and application of a variety of research techniques including observation, surveys/questionnaires, and experiments. The course provides students with practice in defining and understanding key aspects of these techniques and applying these techniques to address a variety of psychological research questions.

Prerequisite: Psychology 2212 or both Psychology 2210 and 2211.

Note: Students who were admitted into the BA Psychology program prior to Fall 2011 and who have successfully completed Psychology 2212 are not required to complete Psychology 2211 either as a prerequisite for Psychology 2213 or as a BA Psychology degree requirement but are still required to complete the minimum number of Psychology courses.



PSYC 2219 – Psychology of Death and Dying

(3 credits – TG) 3 hours lecture

The course examines social and psychological aspects of death and dying, such as: historical and cross cultural variability in death attitudes, spirituality, the dying process, ethical issues such as euthanasia and suicide, bereavement, burial practices and death perceptions across the life-span.

Prerequisite: Psychology 1104 or Psychology 1105, or consent of the department.

**PSYC 2223 – Interpersonal Communications II:****Teamwork, Diversity, and Conflict Resolution**

(3 credits – TG) 3 hours lecture

Students will explore teamwork, diversity, and conflict resolution as three key aspects of work communication. Students will be assisted in developing conceptual understandings of these topics through illustrative case studies which consider a variety of work situations, through role plays, and through selected readings. Facilitated teamwork in seminars, in projects, and in presentations, as well as journal activities, will assist students in making their learning relevant to their current and anticipated work settings.

Recommended Preparation: Psychology 1121.

**PSYC 2235 – Life-Span Development**

(3 credits – TG) 3 hours lecture

This course provides an overview of the major developmental stages from birth to death. Development will be studied from a variety of theoretical perspectives and the application of theory to practical situations will be examined.

Prerequisite: Psychology 1104 or 1105 or Nursing 1213.

**PSYC 2245 – Social Psychology**

(3 credits – TG) 3 hours lecture

Students will examine social psychological approaches to understanding social influence, social perception and cognition, attitudes and group dynamics.

Prerequisite: Psychology 1104 or 1105.

**PSYC 2265 – Cognitive Psychology**

(3 credits – TG) 3 hours lecture

This course provides a survey of the major areas of research and theory in cognitive psychology. Topics may include the origins of cognitive psychology in traditional learning theories, as well as contemporary views of neurocognition, attention, perception, language, memory, problem solving, creativity and intelligence.

Prerequisite: Psychology 1104 or 1105.

**PSYC 2275 – Brain and Behaviour**

(3 credits – TG) 3 hours lecture

This course encourages students to adopt a biological perspective towards psychological issues. From an overview of brain anatomy and neuron physiology, it will explore topics such as sensory processing, brain damage and recovery hormones and behaviour, learning and memory, emotions and stress.

Prerequisite: Psychology 1104 or 1105.

PSYC 2283 – Personality

(3 credits – TG) 3 hours lecture

This course emphasizes a scientific approach to the study of personality formation. It examines theories and research related to the structure and dynamics of personality. Five main theoretical views are covered: psychodynamic, learning, humanistic, existential, and trait. Representative theories are presented for each perspective along these lines: main concepts and hypotheses, empirical work (e.g. measurement of individual differences), and/or psychotherapeutic applications. The course establishes links of divergence, convergence, and similitude between the different theories of personality.

Prerequisite: Psychology 1104 or 1105.

**PSYC 2285 – Introduction to the Psychology of Abnormal Behaviour**

(3 credits – TG) 3 hours lecture

This course is a survey of the symptoms, causes and treatment of psychological disorders as they occur across the lifespan. Through lecture, videos and in-class applied exercises, students will consider the experience of psychological abnormality and study contemporary methods used in clinical diagnosis and intervention.

Prerequisite: Psychology 1104 or 1105.

**PSYC 3301 – Learning and Behaviour**

(3 credits – TG) 3 hours lecture

This course includes topics in the field of learning and behaviour such as classical and operant contingencies, experimental methodologies, and critical scientific thinking skills. The course will also focus on the application of learning theory to a variety of real-world situations related to behavior modification, behavioral economics, and addiction.

Prerequisite: Psychology 1104 or 1105.

PSYC 3302 – Psychopharmacology

(3 credits – TG) 3 hours lecture

This course provides an introduction to the relationship between drugs, the brain, and behaviour. Students will learn how neuropharmacologic agents (psychotropic and psychotherapeutic drugs), through their influence on the biochemistry and physiology of neurons and neurotransmitter systems, affect nervous system function, and thus behaviour.

Prerequisite: Psychology 2275.

PSYC 3305 – History of Psychological Thought

(3 credits – TG) 3 hours lecture

In this course, students will examine the societal, philosophical, and scientific trends that, beginning in ancient Greece, ultimately gave rise to modern psychology. In addition, students will learn how the topics of psychology were investigated prior to the formation of psychology as a distinct scientific discipline.

Prerequisites: Psychology 1104 or 1105 and two of Psychology 2235, 2245, 2265, 2283, or 2285.

PSYC 3307 – Evolutionary Psychology

(3 credits – TG) 3 hours lecture

This course examines psychological questions about behaviour from an evolutionary perspective. Following a basic overview of evolutionary theory, this course will look at the origins of behaviours such as language, social cooperation, parenting, aggression, mate selection, and sex.

Prerequisite: Psychology 2275.

PSYC 3327 – Psychology of Sexuality

(3 credits – TG) 3 hours lecture

This course emphasizes psychological theory and research concerning sexuality. It reviews methods and methodological problems in research on sexual behaviour. It covers basic information about sexual physiology and function, sexual development and differentiation, sexual behaviour, attraction, intimacy, sexual orientation and sexual dysfunction.

Prerequisite: Psychology 2275.

PSYC 3346 – Social Psychology: Social Influence and Persuasion

(3 credits – TG) 3 hours lecture

This course explores theories and research concerning social influence, with particular attention to compliance, conformity, persuasion and obedience. It will also explore how the principles of social influence apply to real world phenomena.

Prerequisite: Psychology 2245.

PSYC 3347 – Psychology of Gender**(3 credits – TG) 3 hours lecture**

This course takes a psychological approach to the study of gender stereotypes, the empirical evidence for female-male differences and similarities in behaviour and experience, and the implications of gender roles for interpersonal relationships and social roles. Biologically-based and socially-based explanations will be evaluated.

Prerequisite: Psychology 1104 or Psychology 1105.

**PSYC 3348 – Cultural Psychology****(3 credits – TG) 3 hours lecture**

This course will examine a wide range of social psychological topics (e.g., the self, social norms, motivation, emotion, reasoning, interpersonal relationships) from a cultural perspective by drawing on both cross-cultural and within-cultural research.

Prerequisite: Psychology 2245.

PSYC 3351 – Topics in Child Development**(3 credits – TG) 3 hours lecture**

This course focuses on psychological development from conception through childhood and adolescence, examining such topics as the development of cognition, emotion, identity, moral thinking, and psychosocial abilities.

Prerequisite: Psychology 1104 or 1105.

Recommended Preparation: Ten credit courses including Psychology 1104 or 1105.

**PSYC 3353 – Topics in the Psychology of Aging****(3 credits – TG) 3 hours lecture**

This course examines the nature, causes and implications of developmental changes across the middle and later adult years. Following a basic overview of theoretical perspectives and research methods used in the area, the course will look at age-related changes in physiological, psychological, and social functioning. Diversity in later adulthood is also discussed, as it is reflected in gender and in cultural, lifestyle and individual variability.

Prerequisite: Psychology 1104 or 1105.

Recommended Preparation: Ten credit courses including Psychology 1104 or 1105.

**PSYC 3355 – Topics in Adolescence****(3 credits – TG) 3 hours lecture**

This course emphasizes the biological, cognitive, social and emotional changes that occur within adolescent development. It investigates the impact of various contexts (family, peers, school, etc) on developmental outcomes. Topics include the transitory difficulties and psychosocial problems that may arise during this period as well as cultural and historical aspects of development.

Prerequisite: Psychology 1104 or 1105.

Recommended Preparation: Ten credit courses including Psychology 1104 or 1105.

**PSYC 3357 – Topics in Brain and Behaviour****(3 credits – TG) 3 hours lecture**

This course will expand and build upon the content covered in the 2000-level course, Brain and Behaviour. It will include topics such as homeostasis, variations in consciousness, the neural control of language, brain laterality, environmental influences on brain function, and psychopathology.

Prerequisite: Psychology 2275.

PSYC 3367 – Human Memory**(3 credits – TG) 3 hours lecture**

This course provides an overview of the history, current theories, and research findings relating to human learning. Processes involved in encoding, storing and retrieving information from memory stores will be studied by examining such topics as implicit and explicit memory, autobiographical memory, and constructive processes.

Prerequisite: Psychology 2213 and 2265.

PSYC 3369 – Sensation and Perception**(3 credits – TG) 3 hours lecture**

The course will provide students with an understanding of how the brain receives and processes information about the world around us. This will include the basic anatomy and physiology of the primary sensory systems, the scientific methods used to measure sensory function, and how information is represented in neural processing. The course will also look at traditional and cutting edge approaches to object perception, theories of depth perception, color perception, pattern recognition, motion, attention and at the processes of bottom-up and top-down processing and how they interact.

Prerequisite: Psychology 1104 or Psychology 1105.

PSYC 3406 – Introduction to Counselling and Psychotherapy (formerly PSYC 4406)**(3 credits – TG) 3 hours lecture**

This course critically examines the basic principles and therapeutic processes that characterize mainstream counselling/psychotherapy approaches, such as those based on the Psychodynamic, Behavioural and Cognitive-Behavioural, Humanistic, and Contextual/Systemic perspectives.

Prerequisites: Psychology 2283 and 2285.

PSYC 4401 – Social Cognition**(3 credits – TG) 3 hours lecture**

This seminar course examines theories and research results pertaining to the structures (self, person, role, and event schemas) and processes (expectations, attributions, and inferences) underlying self and person perception.

Prerequisites: Psychology 2213 and 2245.

PSYC 4403 – Advanced Topics in Brain and Behaviour**(3 credits – TG) 3 hours lecture**

A basic review of brain anatomy and physiology will be followed by an exploration of topics such as neuroplasticity, neuroendocrinology and psychoneuroimmunology. These topics will be examined in relation to abnormal neural and behavioural function in disorders such as depression, multiple sclerosis and Parkinson's disease.

Prerequisite: Psychology 2213 and 3357.

PSYC 4404 – The Self**(3 credits – TG) 3 hours lecture**

This course presents research results on the self within social-experimental, comparative, developmental, and neuroscience perspectives. The nature and function of the self will be examined. Topics will include: self-knowledge, self-motivation, self-esteem, self-regulation, self-recognition, Theory-of-Mind, measurement issues, and the influence of culture on views of the self.

Prerequisites: Psychology 2213 and 4401

PSYC 4405 – Psychometrics**(3 credits – TG) 2 hours lecture, 1 hour tutorial**

The course examines the theory and practice of psychological testing. Topics include theories underlying psychological testing, test development and design, item analysis, reliability, validity, bias, interpretation of test scores, and common psychological tests. The course also provides students with hands-on experience in the design and evaluation of psychological tests.

Prerequisite: Psychology 2213.

PSYC 4412 – Advanced Statistical Methods for Psychology**(3 credits – TG) 2 hours lecture, 2 hours tutorial**

This course reviews material from prior 2200-level statistics courses and introduces more advanced analyses. Students will learn to screen data and to conduct analyses including multi-factor ANOVA, planned comparisons, advanced regression, power and nonparametric tests. Brief conceptual introductions to multivariate techniques (e.g. factor analysis, mediation analysis, MANOVA/MANCOVA) will be provided.

Prerequisites: Psychology 2211 or 2212 with a minimum grade of B, and Psychology 2213 with a minimum grade of B.

PSYC 4413 – Research Methods II**(3 credits – TG) 2 hours lecture, 2 hours tutorial**

This course extends research concepts, practices, and designs introduced in Psychology 2213 and 4412. Students will gain more in-depth hands-on experience with core elements of the research process while critiquing, designing and conducting small research projects. In addition, specialized techniques in social science research will be introduced. This course lays a foundation for honours thesis research.

Prerequisites: Psychology 2213 with a minimum grade of B and Psychology 4412.

PSYC 4451 – Atypical Child Development**(3 credits – TG) 3 hours lecture**

Psychology 4451 provides a critical examination of issues pertaining to developmental psychopathology during childhood and adolescence with an emphasis on the characteristics of the disorders of development, their determinants, outcomes and interventions. Contemporary research and theories as well as current approaches to intervention and prevention will be emphasized.

Prerequisites: Psychology 2213, 2285 and 3351.

PSYC 4455 – Atypical Adolescent Development**(3 credits – TG) 3 hours lecture**

Course seminars will examine the foundations and pathways, normative and psychopathological, of adolescent development. Small-scale hypothesis driven studies and multilevel research designs are utilized to demonstrate the complexity of the study of adolescent development. Advances in theory and research pertaining to the biological, cognitive, emotional, and social development of adolescents, including emerging adulthood, will be emphasized.

Prerequisites: Psychology 2213 and 3355.

PSYC 4465 – Advanced Topics In Cognition**(3 credits – TG) 3 hours lecture**

This course examines current topics in cognitive psychology while focusing on theories and research findings. The topics may vary from year to year and may include research methods, perception, attention, memory, knowledge, problem solving, decision making, and cognitive development and aging.

Prerequisites: Psychology 2213 and 2265.

PSYC 4475 – The Development of Brain and Behaviour**(3 credits) 3 hours lecture**

This course will involve an in-depth examination of the development of the brain and how it controls behaviour. This will include discussion of how nutrition, drugs, and stress affect brain development in children and contribute to disorders such as fetal alcohol syndrome, autism and attention deficit hyperactivity syndrome.

Prerequisites: Psychology 3357 and 2213.

PSYC 4476 – Research Methods in Brain and Behaviour**(3 credits) 1 hour lecture, 2 hours lab**

This course will provide practice in developing experimental protocols, data analysis, and presentation of experimental results in the area of biopsychology through both laboratory exercises and lectures.

Prerequisites: Psychology 2275 or 3357, and 2213

PSYC 4483 – Advanced Topics in Social Psychology**(3 credits) 3 hours seminar**

This course explores select topics in social psychology. Students will focus on these topics in depth by critically evaluating theory and research in the area. Sample topics include group dynamics, leadership, conflict resolution, nonverbal and deceptive communication, interpersonal relationships, altruism and aggression.

Prerequisites: Psychology 2245 and 2213.

PSYC 4485 – Advanced Topics in the Psychology of Abnormal Behaviour**(3 credits – TG) 3 hours lecture**

This course surveys current controversies in clinical psychology related to legal and ethical issues, research, and the diagnosis and treatment of psychological disorders.

Prerequisites: Psychology 2213, 2285, and one of: Psychology 2275, 3305, 3307, 3327, 3346, 3351, 3353, 3355, 3367, 3369.

PSYC 4900 – Advanced Topics in Infancy and Childhood: Infant Cognition**(3 Credits) 3 hours lecture**

This course examines the theoretical and empirical nature of cognitive development in infancy. Topics include infant research methods, sensation, perception, intelligence, concepts and categories, memory, and early communicative development.

Prerequisites: Psychology 2213 and 3351.

PSYC 4901 – Advanced Topics in Infancy and Childhood: Child Cognitive Development**(3 Credits) 3 hours lecture**

This course examines theory and research in cognitive development throughout childhood. Topics include research methods with children, perception, memory, language, problem solving, academic skills, intelligence, and social perception.

Prerequisites: Psychology 2213 and 3351.

PSYC 5110 – Honours Seminar I**(3 credits) 3 hours seminar**

Psychology 5110 is a weekly seminar course for students in the honours stream. The seminar will provide students with a variety of practical, technical, and intellectual skills that are central to scientific research and to the development of their honours thesis. Emphasis will be placed on students' ability to think critically and independently.

Prerequisite: Psychology 4413.

Note: This course is restricted to students in the final year of their program who are officially accepted and enrolled in the Psychology Honours Program.

PSYC 5120 – Honours Seminar II**(3 credits) 3 hours seminar**

Psychology 5120 is a weekly seminar course for students in the Honours stream. The seminar will provide students with the opportunity to conduct research in their area of interest, gather data, analyze and present findings, and develop a written thesis. Some projects may be non-empirical or theoretical, in which case certain steps (e.g., gathering data) may be modified accordingly. The honours thesis project is conducted under the direct guidance of a faculty supervisor from the Department of Psychology.

Prerequisites: Psychology 4412 and Psychology 5110.

Note: this course is restricted to students in the final year of their program who are officially accepted and enrolled in the Psychology Honours Program.

PSYC 3199, 4199 – Directed readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

RECREATION STUDIES (RECR)**RECR 1203 – Recreation and Community Development****(3 credits) 3 hours lecture**

This course examines the model of community development and how it is used to empower individuals and communities. The recreation practitioner as a facilitator of community action will be the focus.

RECR 1207 – Commercial Recreation**(3 credits – TG) 3 hours lecture**

This course is an investigation of the many providers of commercial recreation services.

RECR 1247 – Theory and Practice in Leadership

(3 credits – TG) 3 hours lecture

This course studies leadership theory and introduces leadership skills that apply the theory in personal, community and work settings. Students are introduced to leadership skills inventories that allow them to analyze and evaluate their leadership skills. Students will reflect on their leadership experiences and develop strategies to plan personal learning opportunities to maximize their leadership skills.

RECR 2217 – Recreation and Sport Tourism

(formerly RECR 1217)

(3 credits – TG) 3 hours lecture

This course is an investigation of principles and practices of marketing in sport and recreation studies.

RELIGIOUS STUDIES (RELS)**RELS 1101 – World Religions: Western**

(3 credits – TG) 4 hours lecture

Introduction to Western religions including: Judaism, Christianity and Islam.

**RELS 1103 – World Religions: Eastern**

(3 credits – TG) 4 hours lecture

Introduction to Eastern religions such as Jainism, Hinduism, Buddhism, Confucianism and Taoism.

**RELS 1104 – Religion and Violence**

(3 credits) 3 hours lecture

This course introduces students to the study of religion by exploring the relationship between religion and violence. Themes covered may include: theories of religion and violence, self-harm, martyrdom, sacrifice, symbolic violence, resistance to religiously-sanctioned violence, religion and domestic violence, religion and non-violence.

**RELS 1105 – The Nature of Religion**

(3 credits – TG) 4 hours lecture

An introduction to the study of religion which relates religious traditions to contemporary thought and culture.

**RELS 2207 – The Religion of the Hebrew Bible/Old Testament**

(3 credits – TG) 3 hours lecture

An introduction to the critical study and reading of the books of the Hebrew Bible/Old Testament in English translation. The course focuses on the religious beliefs and institutions of ancient Israel.

RELS 2208 – Religion and Popular Culture

(3 credits – TG) 3 hours lecture

This course examines religious beliefs, practices, institutions, etc as expressed in works of popular culture. The course may focus on religion in a specific type of media (e.g. film, TV, literature, art) or on a religious theme (e.g. apocalypticism, the environment).

RELS 2209 – The Nature and Function of Religious Experience

(3 credits – TG) 3 hours lecture

A study of ancient views and some contemporary psychological analyses of the nature and function of religious experience. Such religious phenomena as the genesis and development of religious behaviour, conversion and mysticism will be examined.

Prerequisite: One of Religious Studies 1101, 1103, 1105 or a university-level course in Psychology.

**RELS 2212 – Religious Traditions of China**

(3 credits) 3 hours lecture

This course will introduce the major religious traditions of China, including Confucianism, Daoism, Buddhism, and popular Chinese religion. Examining the history, teachings, and practices of these traditions will provide insight into Chinese religion and culture.

**RELS 2215 – World Christianity**

(3 credits – TG) 3 hours lecture

This course examines Christianity as a global phenomenon, considering important issues and movements around the world. Topics include types of Christianity, Mission, Ecumenism, Pentecostalism, Fundamentalism, social justice issues, roles and status of women, globalization, secularization, and relations between Christianity and other religious traditions.

**RELS 2243 – Religion and Social Morality**

(3 credits – TG) 3 hours lecture

The examination of religious views on the moral issues involved in human society, and on the moral implications of key social, economic, political and cultural elements in the modern world.

Prerequisite: Religious Studies 1105 or Philosophy 1149 or consent of the department.

**RELS 2251 – Sikhism**

(3 credits – TG) 3 hours lecture

The central theme is the construction of Sikh identity. Particular attention will be given to the historical context from which Sikhism arose, the worldviews and goals it articulates, the development and content of its authoritative literature, and its religious practices. Sikhism outside of the Indian context may also be discussed.

**RELS 2252 – Hinduism**

(3 credits – TG) 3 hours lecture

This course is an examination of the major religious developments in Hinduism from ancient times to the modern period. The course introduces students to the central thinkers, literature, beliefs, and practices associated with Hinduism.

**RELS 2255 – Judaism**

(3 credits – TG) 3 hours lecture

This course provides an introduction to the history, practices, beliefs, institutions and literature of the Jewish religion, from biblical times until the modern era. The course will describe the distinctive features associated with Judaism in different time periods, and the values, beliefs, and rituals that developed in response to the historical and cultural settings encountering Judaism.

Prerequisite: Religious Studies 1101 or consent of the department.

RELS 2279 – The Buddhist Tradition

(3 credits – TG) 3 hours lecture

A study of the doctrinal development, and practices of the Buddhist tradition, including treatment of topics such as early Buddhism, Mahayana, and Tibetan Vajrayana.

**RELS 2281 – Women and Religion**

(3 credits – TG) 3 hours lecture

An examination of the origins, content and influence of the view of women contained in the religious traditions and expressed in the religious practices of West and East.

Prerequisite: One of Religious Studies 1101, 1103, 1105 or any Women's Studies course.

**RELS 2283 – The Beginnings of Christianity**

(3 credits – TG) 3 hours lecture

The history, literature and religion of the early Christians.

Prerequisite: Religious Studies 1101 or consent of the department.

**RELS 3281 – Advanced Studies in Women and Religion**

(3 credits – TG) 3 hours lecture

This course provides an examination of the work of contemporary women writers on religious traditions and/or selected issues in religion and its study.

Recommended Preparation: Religious Studies 2281.



RELS 3302 – Selected Topics in Religion

(3 credits – TG) 3 hours lecture

This course provides an in-depth examination of a selected topic or theme in the study of religion. Possible topics include religion and the body; religion and the environment; religious fundamentalism; religion and sexuality.

**RELS 3312 – Religion in Contemporary East Asia**

(3 credits) 3 hours lecture

This course will examine the ways that religious traditions have adapted to modern conditions in East Asian countries such as China, Japan, and Korea. Possible topics include: Buddhist monasticism, socially-engaged Buddhism; pilgrimage and tourism, married monks, and ritual interactions with ghosts.

Prerequisites: One of Religious Studies 1103, 2212, 2279, or consent of the department.

**RELS 3322 – Religion in the Americas**

(3 credits – TG) 3 hours lecture

This course examines religion in the Americas today (especially Canada, the US, Mexico and Brazil) along with relevant historical developments. Topics may include the impacts of colonization and immigration, indigenous traditions, Church-State relations, folk Catholicism, liberation theology, Afro-Christian traditions and Spiritism, and (neo-)Pentecostals.

Recommended Preparation: Religious Studies 1101, 1103, 1105 or 2215

**RELS 3325 – Prophets and Prophecy**

(3 credits – TG) 3 hours lecture

This course examines the nature and function of prophets and prophecy. Normally, the course will consider the social setting of prophetic movements in the Ancient Near East, concentrating on the literary prophets of the Hebrew Bible and their role in society and theological contributions. The course may also examine prophets and prophecy across a range of historical, cultural, and religious contexts.

Recommended Preparation: Religious Studies 2207, 2215, 2283, or 2255.

RELS 3331 – Religious Perspectives on Suffering

(3 credits – TG) 3 hours lecture

The course will examine and critique positions that traditional philosophers of religion have taken in response to the fact of suffering, as well as those positions taken by a variety of nonwestern religious traditions.

Recommended Preparation: Religious Studies 1101, 1103 or 1105.

**RELS 3333 – Religion, Death and Mortality**

(3 credits – TG) 3 hours lecture

This course consists of an examination of various religious perspectives on death, mortality and the afterlife, as well as the death rituals of different religions.

**RELS 3335 – Apocalyptic Thought**

(3 credits – TG) 3 hours lecture

This course examines the apocalyptic mindset, its literature, and social influences. It discusses understandings of divine revelation (its purpose, and its effect on individuals), apocalyptic sects, and their surrounding societies. The course may discuss a range of apocalyptic thinking from the nature based cultures of the Ancient Near East to globalized apocalyptic modern movements.

Recommended Preparation: Religious Studies 2207, 2215, 2283 or 2255.

RELS 3352 – Advanced Studies in Hinduism

(3 credits – TG) 3 hours lecture

This course is an in-depth study of a specific Hindu thinker, text, movement, or issue. Course content will vary from year to year. Possible topics include: the Bhagavad Gita, Gandhi, the poet saints, Sankara, the Upanisads, religious law, sacrifice, god, etc.

Recommended Preparation: Religious Studies 1103 and 2252.

**RELS 3353 – Advanced Studies in Sikhism**

(3 credits) 3 hours lecture

This course is an in-depth study of a specific Sikh thinker, text, movement, or issue. Course content will vary from year to year. Possible topics include the Adi or Dasam Granths, Guru Arjan, the Namdhari tradition, the rahit traditions, religious syncretism, Singh Sabha movement, etc.

Recommended Preparation: Religious Studies 1103 and 2251.

**RELS 4403 – Asian Diasporas**

(3 credits – TG) 3 hours lecture

This course considers the notions of religious and trans-national identities in and among Asian diasporas. Primary attention will be given to Hindu, Sikh, and Buddhist communities. Special consideration will be given to those communities in the local Calgary setting.

Prerequisite: Religious Studies 2252 or 2251 or 2279.

**RELS 4452 – India and The West**

(3 credits – TG) 3 hours lecture

This course examines the dynamic and often ambiguous encounter between India and the West, including the resulting process of self-representation and interpretation. It also considers the various ways in which Indians and the West have sought to construct, represent, understand, and critique both themselves and the other as a result of this encounter.

Prerequisite: Religious Studies 2252.

Recommended Preparation: Religious Studies 3352.

**RELS 3199, 4199 – Directed Readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

ROMANCE STUDIES (ROST)**ROST 1101 – Topics in Romance Culture**

(3 credits – TG) 3 hours lecture

This interdisciplinary course will provide an introduction to social life, art and architecture, and the economic and political systems of three of the four following cultures of the Mediterranean: Arabic, French, Italian and Spanish. Classroom activity will be augmented by cultural activities.

**ROST 4401 – Mediterranean Cultural Discovery**

(3 credits – TG) 3 hours lecture

This interdisciplinary course provides students with an opportunity to experience the culture of different Mediterranean regions including France, Spain, Italy, and other European, North African or Middle Eastern regions. Topics may include the social life, art, architecture, economic and political systems of these cultures.

Prerequisites: Romance Studies 1101, or Humanities 1109 or Humanities 1111, and consent of the department



Note: Interested students will be interviewed to determine their academic competence to take this senior level course. Students will also be responsible for paying all costs, including travel, associated with the field trip.

STUDIES IN AGING (SAGE)

Courses in the interdisciplinary certificate program are offered through distance delivery in the Fall and Winter Semesters.

SAGE 2401 – Perspectives in Aging

(3 credits – TG) Distance and Onsite Delivery

This course provides an understanding of the field of studies in aging. It examines the changing demographics and aging from a Canadian and global perspective. Ageism, theories of aging and research are examined with a view to understanding the current status of our knowledge of aging and societal responses to old age. Course content explores the diversity of individuals and groups within Canada's aging population and analyses current and future challenges for governments, institutions, agencies, and businesses in providing programs, services and products to such a diverse population. This course will be of interest to students from a broad range of programs.



SAGE 2403 – Aging-In-Place: Theory and Application

(3 credits) Distance delivery

This course introduces students to the concept of aging-in-place focusing on the theoretical applications that frame our understanding of home. Basic design principles that affect healthy aging will be studied.

Prerequisite: Studies in Aging 2401

SAGE 3303 – Health and Aging

(formerly SAGE 4403)

(3 credits – TG) Distance Delivery

Examines effects of aging in the context of normal, healthy, and successful aging processes. Lifestyle factors such as nutrition, sexuality, exercise, leisure and health issues are considered. Integrative aspects of healthy aging such as housing, transportation, economics, family and community supports are examined. Death is discussed as the final outcome of life. Consideration of and planning for one's own aging is encouraged. Health promotion strategies related to these factors are addressed. Personally, this course would be of interest to all individuals, and from a professional perspective, to those students who will be encountering older adult clients in their work environment.



SAGE 3407 – Aging and Physical Health

(3 credits – TG) Distance Delivery

This course examines common physical problems associated with the aging process. Approaches to assisting the older adult through treatment, modification of activities of daily life, and ways to maintain and enhance function are emphasized.



SAGE 3413 – Aging Families

(3 credits – TG) Distance Delivery

This course provides an overview of family relationships in later life and examines frameworks for understanding the family system. Concepts of interviewing, assessing and intervening with older adults in the context of the family are introduced.



SAGE 3415 – Sexuality and Aging

(3 credits) 3 hours lecture

Sexuality and sexual behaviour is of interest across the life span. This course explores the concept of sexuality from a multidisciplinary perspective. Physiological changes, social support, psychological health, and cultural attitudes will be examined to gain a greater understanding of sexuality in later life.

SAGE 4405 – Aging and Mental Health

(3 credits – TG) Distance Delivery

This is an overview of current concepts in mental health in relation to older adults. Common mental health concerns of the older adult are presented and approaches to assessment and treatment are addressed, with an emphasis on cognitive and behavioural strategies.



Pre or Co-requisites: Studies in Aging 2401 and 3403 or consent of the department.

SAGE 4490 – Capstone Project

(3 credits – TG) Distance Delivery

This capstone course is designed for the student enrolled in the Studies in Aging certificate program. The course integrates concepts and theory. Under the direction of an academic supervisor, students have the opportunity to complete a project, comprehensive literature review or research project.

Prerequisites: Studies in Aging 2401, 3403, 3407, 4405, and at least one of Studies in Aging 3413, 4409 and 4417.

SAGE 4499 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

SCIENCE (SCIE)

SCIE 0110 – Introduction to Science

(0 credits)

This is a credit-free upgrading course; special fees apply. Topics include zoology, botany, microbiology, biochemistry, chemistry, Newtonian and post-Newtonian physics.

Note: This course is the equivalent of Science 10. Not intended for science majors.

SOCIOLOGY (SLGY)

SLGY 1101 – Introduction to Sociology

(3 credits – TG) 3 hours lecture

This course introduces students to the discipline of Sociology. Sociology is the study of human social life in all its forms. A variety of fields within the discipline, such as social theory, culture, socialization and interaction, inequality, gender, race and racialization, and families will be explored throughout the course.



SLGY 2229 – Crime and Society

(3 credits – TG) 3 hours lecture

This course serves as an introduction to the sociological study of crime. The goal is to critically assess crime as it intersects with race, class, and gender. Students will become familiar with classical and contemporary theories of crime as well as strategies toward rehabilitation or social change.

Prerequisite: Sociology 1101.



SLGY 2232 – Introduction to Sociological Research Methods

(3 credits – TG) 3 hours lecture

This course is an introduction to the practice and principles of social research. Students will learn about the assumptions, dilemmas, choices, and practices associated with both qualitative and quantitative sociological research. Students will be required to undertake a project and to interpret research findings from an informed perspective.

Prerequisite: Sociology 1101.

SLGY 2233 – Sociology of Gender

(3 credits – TG) 3 hours lecture

Gender operates on four dimensions in Canadian society: within individuals; through interaction with others; in the features of social institutions such as work, law, and family; and in the norms and values that shape the socio-cultural landscape. This course will introduce students to gender on each of these dimensions.

Prerequisite: Sociology 1101.



SLGY 2235 – Sociology of Health and Illness

(3 credits – TG) 3 hours lecture

This course examines health, illness, and health care systems from a critical and structural perspective. Students will examine how various understandings of health and illness, and the institutions that monitor them, have emerged and changed geographically and historically. In addition, issues such as viability of the Canadian public health care system and privatization will be discussed.

Prerequisite: Sociology 1101.

SLGY 2253 – Urban Sociology

(3 credits – TG) 3 hours lecture

The course introduces students to the field of urban sociology. Through a focus on social interaction, students will investigate how power and inequality are produced, reproduced and also destabilized in urban social spaces. Specific topics that will be covered include theories of the city, urban ethnography, urban subcultures, forms of urban social resistance and urban design and control.

Prerequisite: Sociology 1101.

**SLGY 2265 – Social Stratification and Inequality**

(3 credits – TG) 3 hours lecture

This course introduces theories of stratification and inequality and explores different types of social stratification systems. There is an emphasis on the forces that contribute to the maintenance and disruption of social inequality. The focus is primarily on social inequality in Canada but cross cultural and global inequality will also be considered.

Prerequisite: Sociology 1101.

**SLGY 2271 – Sociology of Families**

(3 credits – TG) 3 hours lecture

This course offers a sociological investigation into families. The focus will be on theories of family and the social history of families. Some specific topics covered include the structure and function of families, family systems, family life stages (dating, marriage, parenting and old age), diverse family forms, and problems in family life such as violence and divorce.

Prerequisite: Sociology 1101.

**SLGY 2273 – Sociology of Aging**

(3 credits – TG) 3 hours lecture

Individuals experience changing roles, activities, and relationships as they age. In addition, population aging, caused by declining birthrates and increasing life expectancies, has profound implications for social structures, norms, and values. This course examines the social aspects of both individual and population aging.

Prerequisite: Sociology 1101.

**SLGY 2275 – Theories of “Race” and Ethnicity**

(3 credits – TG) 3 hours lecture

This course engages in a critical historical/theoretical investigation of the race concept. The focus is on race and ethnicity as experienced in everyday life. There is strong emphasis on reading and evaluating scholarly work on race/ethnicity and, in particular, on racism. While race and ethnic oppression are stressed, forms of resistance to racism and collective solidarity based on anti-racist organizing are also explored.

Prerequisite: Sociology 1101.

**SLGY 2277 – Sociology of Religion**

(3 credits – TG) 3 hours lecture

This course offers an introduction to sociological concepts and theories in the study of religion. Questions about the structure of religious organizations, creation of meaning, secularization and religious diversity will be addressed.

Prerequisite: Sociology 1101.

**SLGY 3233 – Sociology of Sexualities**

(3 credits – TG) 3 hours lecture

This course examines sexualities through a critical sociological lens. The goal is to track how and why the predominant conceptions of sexuality have been constructed, with particular attention to the role of binary sexualities and subsequent concepts of ‘deviation,’ as well as how sexuality is used in and by mechanisms/institutions of power

Prerequisite: Any one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277, or consent of the department.

SLGY 3309 – The Sociology of the Body

(3 credits – TG) 3 hours lecture

This course focuses on matters of the body which affect social life. Through an examination of theoretical articles upon such topics as race, gender, disease, sexuality, smell, and appearance, we will learn about the many ways perceptions of bodies affect our lives and how society in turn defines and influences appearance and behaviour.

Prerequisite: Any one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277, or consent of the department.

SLGY 3317 – Young Offenders and the Law

(3 credits – TG) 3 hours lecture

In most societies, people below a certain age are thought to be less than fully culpable or cognizant of the consequences of their actions. As a result, juvenile justice systems are established to deal with them separately from adults. Using sociological theory, this course will consider Canada’s strategies for addressing young people, illegal activities, and legal consequences.

Prerequisites: Sociology 2229 and one of Sociology 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277 or consent of the department.

**SLGY 3321 – Quantitative Methods and Statistics**

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course focuses on the development of quantitative analytical skills in sociology. Students will study quantitative methods for gathering, preparing, analyzing, and interpreting social data, and also will be introduced to both descriptive and inferential statistics (including bivariate and simple multi-variate analysis). They will also be required to undertake secondary data analysis.

Prerequisites: Sociology 2232 and one of Sociology 2229, 2231, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277 or consent of the department.

Note: required course for sociology major and honours students.

SLGY 3323 – Qualitative Research Methods

(3 credits – TG) 2 hours lecture, 1 hour tutorial

This course presents an overview of qualitative methods in sociological research. Students will examine the strengths and weaknesses of qualitative methods such as interviewing techniques, fieldwork, and the case study approach, as well as how their lives - as researchers - intersect with and influence the people and situations they study.

Prerequisites: Sociology 2232 and one of Sociology 2229, 2231, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277 or consent of the department.

SLGY 3331 – Classical Sociological Theory

(3 credits – TG) 3 hours lecture

This course offers students an overview of the development of sociological theory with emphasis on the period from the nineteenth century to the Second World War. Theorists such as Marx, Durkheim and Weber will be reviewed and analyzed.

Prerequisites: Sociology 2232 and any one of 2229, 2231, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277, or consent of the department.

SLGY 3333 – Contemporary Social Theory**(3 credits – TG) 3 hours lecture**

This course explores several major currents of contemporary social thought since the World War Two era. Some of the theoretical perspectives that will be investigated are Western Marxism, Post-Structuralism, Post-Modernism, and theories of Globalisation/Post-Colonialism. These will be explored through their applicability to sociological issues of interest, such as subjectivity, agency/structure, power, and modernity.

Prerequisites: Sociology 2231 and one of Sociology 2229, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277 or consent of the department.

SLGY 3335 – Women and Work**(3 credits – TG) 3 hours lecture**

Gender has a profound impact on the opportunities and experiences of women in both paid and unpaid work. This course will analyze the socially constructed gendered nature of work.

Prerequisite: Sociology 2233 or consent of the department.

SLGY 3345 – Mass Communication**(3 credits – TG) 3 hours lecture**

This course engages in an analysis of the pervasive presence of mass media in modern society and the many ways that various forms of media representation intersect with mass audiences. An overview of the development of modern media is extended to include a summary of the key perspectives on media texts and how they position the audience.

Prerequisite: Any one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277, or consent of the department.

SLGY 3351 – Economic Sociology**(3 credits – TG) 3 hours lecture**

Using a sociological lens to examine markets, networks, social stratification, economic development and globalization reveals ways in which these diverse economic phenomena are embedded in societies. In addition, the sociological approach reveals how consumption is connected to status symbols, how gender affects work and pay, and how international production and trade can challenge national sovereignty.

Prerequisites: Sociology 2265 and one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2271, 2273, 2275, 2277 or consent of the department.

SLGY 3370 – The Socialized Self**(3 credits – TG) 3 hours lecture**

Drawing on a number of interpretive sociological perspectives, this course explores the process of socialization and the related process of the development of the self. Key concepts in the study of socialization such as role, identity, institution and ideology will be critically investigated, as will the role of socialization processes in the perpetuation of inequality and domination.

Prerequisites: Sociology 2275 and one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2277 or consent of the department.

SLGY 3379 – Sociology of Divorce**(3 credits – TG) 3 hours lecture**

In this course we study the patterns and practices that surround the process of divorce, in order to understand the challenges associated with unworkable marriages, their dissolution, and the post-divorce experience. The diverse impacts upon both adults and children are examined.

Prerequisite: Sociology 2271 or consent of the department.

SLGY 3731 – Selected Topics: Social Issues**(3 credits – TG) 3 hours lecture**

This advanced seminar introduces students to pressing and timely social issues and problems. It may focus on a variety of themes, for example: environmental issues, white collar crime, urban sustainability, war and genocide, or social movements.

Prerequisite: Any one of Sociology 2229, 2231, 2232, 2233, 2245, 2253, 2265, 2271, 2273, 2275, 2277, or consent of the department.

SLGY 4411 – Sociology of Disaster**(3 credits – TG) 3 hours lecture**

This course is an introduction to the sociological study of disasters and their effect on human populations. The goal of the course is to understand how floods, hurricanes, heat waves, oil spills and other catastrophic events provide a “strategic research site” where we can refine our ideas and assumptions about social life and inequality.

Prerequisite: Any one of Sociology 3233, 3309, 3321, 3323, 3331, 3333, 3335, 3345, 3351, 3370, 3379 or consent of the department.

SLGY 4415 – (De)Constructing Health and Medicine**(3 credits – TG) 3 hours lecture**

This course examines the changing conceptions of medicine and medical knowledge. More specially, it looks at how health, illness, and disease are defined and the implications of such representations and understandings. Particular attention is given to the ways in which medical knowledge invokes, represents, and implicates gender, race, class and sexuality.

Prerequisites: Sociology 2235 and one of Sociology 3233, 3309, 3321, 3323, 3331, 3333, 3335, 3345, 3351, 3370, 3379 or consent of the department.

SLGY 4419 – Mind and Society**(3 credits – TG) 3 hours lecture**

Drawing on existential sociology and related perspectives (e.g., phenomenology and symbolic interactionism) and insights from the Sociology of Knowledge, this course critically examines one of the most elusive of sociological phenomena, the “mind” and how this social construct is intimately linked to the patterns we perceive as “society”.

Prerequisites: Sociology 3351 or 3233 and one of Sociology 2275 or 3370 or consent of the department.

SLGY 4421 – Economic Development and Social Change**(3 credits – TG) 3 hours lecture**

This course examines the processes of global economic development and social change through a comparative historical lens. It pays particular attention to how the conceptualization of development has varied according to changing societal conditions. The course also explores the controversies within sociology on how best to achieve progressive national development.

Prerequisites: Sociology 3351 and any one of Sociology 3233, 3309, 3321, 3323, 3331, 3333, 3335, 3345, 3370, 3379 or consent of the department.

SLGY 4431 – Structure and Subjectivities**(3 credits – TG) 3 hours lecture**

Located in the debates between micro and macro theories of society, this course explores the connections between structure and agency through the ways in which the self is constructed. The goal is to understand how our sense of self is constituted to allow governance, but also to allow agency in the form of resistance.

Prerequisites: Sociology 3333 and one of Sociology 3233, 3309, 3321, 3323, 3331, 3333, 3335, 3345, 3351, 3370, 3379 or consent of the department.

SLGY 4731 – Selected Topics: Inequality**(3 credits – TG) 3 hours lecture**

This advanced seminar examines the creation and maintenance of inequality, as well as actions for ameliorating its negative effects. It may focus upon a variety of themes, such as, global gender inequality, demographic inequality, and fair-trade initiatives. Students will consider both the degree of inequality and its existence as an unintended consequence of social arrangements.

Prerequisite: Any one of Sociology 3233, 3309, 3317, 3321, 3323, 3333, 3351, 3370, or consent of the department.

SLGY 5010 – Intersections in Social Life**(3 credits) 3 hours seminar**

This seminar-based course gives students an opportunity to assess the interlocking nature of the forces of social domination such as class, race, gender, sexuality, religion, and politics. Students will investigate such intersections in social life through critical reading and writing and through engagement with the process of individual and collective reflection.

Prerequisites: Sociology 3321, 3323 and 3333.

SLGY 5110 – Honours Seminar I

(3 credits) 3 hours seminar

Sociology 5110 is a weekly seminar course for students in the Honours stream. The course provides students with the necessary skills to successfully define a research question, explore its relevant theoretical and/or methodological issues as well as how to construct an appropriate research design. The course culminates in the defence of an Honours thesis proposal.

Prerequisites: Sociology 3321, 3323 and 3333.

Note: This course is restricted to students in the final year of their program who are officially accepted and enrolled in the Sociology Honours Program.

SLGY 5120 – Honours Seminar II

(3 credits) 3 hours seminar

This seminar course for Honours students targets the development of the practical skills students need to complete their Honours Thesis. Seminars will also provide support for students as they face the challenges of independent research. The course culminates in the defence of an Honours thesis.

Prerequisite: Sociology 5110.

Note: this course is restricted to students in the final year of their program who are officially accepted and enrolled in the Sociology Honours Program.

SLGY 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

SOCIAL WORK (SLWK)**SLWK 1114 – Introduction to Social Work Practice**

(3 credits – TG) 3 hours lecture

This course provides an introduction to all aspects of Social Work practice from a generalist perspective. Social Work principles, ethics, theories and models of practice are discussed, while an understanding of oppression and social justice are emphasized.

SLWK 1187 – Social Welfare Policies and Issues

(3 credits) 3 hours lecture

This course examines the evolution of the Welfare State and how social welfare policy is developed. The course will review and analyze contemporary social problems, policies and issues relevant to Social Work practice in the context of social justice and advocacy for change.

SLWK 1215 – Social Work Methods

(3 credits) 3 hours lecture

This methods course provides students with an opportunity to develop the knowledge, skills and attitudes to assess client needs and to implement a social work model of intervention.

Prerequisite: Social Work 1114.

SLWK 1216 – Counselling Skills

(3 credits) 3 hours lecture

This course concentrates on the development of social work interviewing and counselling skills, emphasizing strengths-based practice. It is experiential, and students will be required to participate in simulated counselling interviews.

Prerequisites: Interdisciplinary Studies 1240 and Social Work 1114.

SLWK 1287 – Social Work Practicum I

(6 credits) 3 hours tutorial biweekly, 350 hours practicum

This course involves supervised study and practice. Students spend three days a week in a social service agency. After an initial orientation period, students are expected to assume responsibility for assigned agency duties in order to enhance their knowledge and skill in social work methods. During agency work, attention is given to teaching students specific skills, developing competence in terms of offering adequate services to clients and participating in the overall agency program. Seminars will focus on integrating relevant social work knowledge, with students' work in the field.

Prerequisites: Interdisciplinary Studies 1240, Social Work 1114 and 1187.

Pre or Co-requisites: Social Work 1215 and 1216.

SLWK 2217 – Leadership in Social Work Organizations

(3 credits) 3 hours lecture

Human service organizations require strong and effective leadership. This course will provide students with an understanding of how to organize and lead human service agencies and programs in order to provide a healthy working environment that promotes effective service provision focused on client empowerment.

Prerequisite: Social Work 1287.

Recommended: Social Work 2221.

SLWK 2218 – Social Work with Groups

(3 credits) 3 hours lecture

This course is designed to develop social work skills for working with groups through a combination of lectures, observation, and experiential learning. The stages of group development, group roles and norms, theoretical frameworks, intervention, group design, implementation and evaluation will be addressed.

Prerequisite: Social Work 1216.

SLWK 2221 – Community Development

(3 credits) 3 hours lecture

This course provides students with an opportunity to develop beginning skills in community organization and development. The focus of the course is on practice rather than theory and students will be evaluated on their ability to practice social work with a community as a client.

Prerequisite: Social Work 1114 and 1187.

SLWK 2222 – Social Work with Families

(3 credits) 3 hours lecture

This course is designed to provide students with a framework for beginning to work with diverse families. The course will help students develop an understanding of the interactive influence of families, individuals, and society, as well as gain an appreciation of the diversity of family dynamics. Students will learn how to engage and assess families as well as apply effective interventions to support them in developing strengths.

Prerequisites: Social Work 1215 and 1216.

SLWK 2223 – Social Work and Mental Health

(3 credits) 3 hours lecture

This course provides students with an understanding of the many interrelated factors that affect individuals' mental health. The role of social workers in working with mental health consumers and understanding and addressing mental health issues, across the range of social work practice is examined.

Prerequisites: Social Work 1114 and 1215.

SLWK 2297 – Social Work Practicum II

(6 credits) 3 hours tutorial biweekly, 350 hours practicum

This course involves supervised study and practice. Students spend three days a week in a social service agency. After an initial orientation period students are expected to assume full responsibility for cases in order to enhance their knowledge and skill in social work methods and actively engage in social work practice. During agency work attention is given to teaching students specific skills, developing competence in terms of offering adequate service to clients and participating in the overall agency program.

Prerequisite: Social Work 1287, 2218, 2221 or 3331, and 2222.

Pre or Co-requisite: Social Work 2217 and 2223 or 3301.

SLWK 3301 – Children's Mental Health

(3 credits) 3 hours lecture

This course provides students with an understanding of many issues that affect the mental health of children including knowledge of the major mental disorders in children, factors contributing to these disorders, therapeutic interventions, suicide and suicide risk assessment, the mental health system for children and the role of social workers.

SLWK 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

SOCIAL SCIENCE (SOSC)

SOSC 0130 – Canadian History and Government in Perspective

(0 credits) 3 hours lecture

This course imparts a knowledge and understanding of the multiple perspectives in the historical development of regions that eventually comprised early and modern Canada. It also interprets those developments in their European and North American contexts incorporating a broad framework of philosophical precepts and perspectives that include Ideology, Individualism, Collectivism and Liberalism combined in the Canadian context with social, political, economic and legal historical institutions. This course will provide opportunities for students to develop the attitudes, skills and knowledge that will enable them to become engaged, active, informed and responsible citizens.

Corresponding Alberta High School Equivalent: Social Studies 30-1.

SPANISH (SPAN)

Note: Placement Test: Students with Spanish language knowledge must consult the Spanish section of the Department of Languages and Cultures to be placed in a course corresponding to their ability. Placement tests will be administered in order to assess prior knowledge. Students should contact the Department to make an appointment to complete their placement test at least within two weeks before the beginning of classes each semester. The Spanish section reserves the right to place students in the language course that is appropriate to their level of language proficiency.

SPAN 1101 – Beginners' Spanish I

(3 credits – TG) 4 hours lecture, 1 hour lab

This course offers a comprehensive introduction of the Spanish language to students with no prior knowledge. It includes training in listening, speaking, reading and writing of Spanish in its cultural context.

Note: May not normally be taken for credit by students with Spanish 30 or equivalent.



SPAN 1103 – Beginners' Spanish II

(3 credits – TG) 4 hours lecture, 1 hour lab

This course is intended for students continuing from Spanish 1101. Students will develop basic communicative skills as well as further develop skills in reading, writing, listening and speaking Spanish.

Prerequisite: Spanish 30 or 1101 or equivalent.



SPAN 2211 – Intermediate Spanish I

(3 credits – TG) 4 hours lecture, 1 hour lab

This course builds on basic knowledge and skills. It offers further development of communication skills in Spanish as well as the study of some cultural aspects of the Spanish-speaking world.

Prerequisite: Spanish 1103 or consent of the department.



SPAN 2213 – Intermediate Spanish II

(3 credits – TG) 4 hours lecture, 1 hour lab

This course is the continuation of Spanish 2211. It deals with more difficult and complex grammatical structures and also provides further study of social and cultural aspects of the Spanish-speaking world.

Prerequisite: Spanish 2211 or consent of the department.



SPAN 2219 – Contemporary Spanish Culture and Society

(3 credits – TG) 3 hours lecture

This course offers an introduction to contemporary Spanish culture and society, from the economic modernization in the 1960's to modern times. Students will explore topics ranging from race, nationalism and identity, to gender and faith. They will also learn about the importance of place, home life, schooling and the workplace.

Note: This course is taught in English; no knowledge of Spanish is required.



SPAN 2221 – Contemporary Hispanic Cultures and Oral Practice

(3 credits – TG) 3 hours lecture

This course explores specific features of the various Hispanic cultures in contemporary society. It offers a study of current issues in the Hispanic world as seen through a variety of sources such as short stories, articles, video programs and the web. Students are given opportunities to develop their oral skills by making presentations and participating in guided interactions. They can also further develop their writing skills through directed writing practice on the topics and issues analyzed in class.

Prerequisite: Spanish 2211 or consent of the department.



SPAN 2223 – Introduction to Textual Analysis and Composition

(3 credits – TG) 3 hours lecture

This course focuses on the development of writing skills through an analysis of cultural readings taken from journalistic, scientific and literary texts as well as from other media. Students will learn composition strategies and how to apply them in their writing. Various styles will be explored in class, including dialogues, summaries, narrations and essays.

Pre or Co-requisite: Spanish 2211 or consent of the department.



SPAN 3305 – High Intermediate Spanish

(3 credits – TG) 3 hours lecture

This course provides students with the opportunity to attain a high-intermediate level of language proficiency and to gain a more in depth understanding of Hispanic cultures. The main focus is on the exploration and analysis of oral and written contemporary texts from the Spanish-speaking world. A strong emphasis is placed on vocabulary enrichment, grammatical accuracy as well as the improvement of oral and written discourse.

Prerequisites: Spanish 2213 and 2223 or consent of the department.



SPAN 3309 – Critical Thinking in Spanish

(3 credits – TG) 3 hours lecture

This course is designed to develop students' critical thinking in Spanish. Students learn techniques for analyzing, comparing, summarizing and persuading in the target language. They explore, discuss and reflect on cultural issues in literary texts and other sources dealing with journalistic, social and political current events. A strong emphasis is placed on learners' development of language proficiency in terms of listening, speaking, reading and writing skills.

Prerequisites: Spanish 2213 and 2223 or consent of the department.



SPAN 3312 – Hispanic Cinema

(3 credits) 3 hours lecture

This course provides an introduction to Hispanic Cinema from Spain, Latin America, and the US. Students will further their development of Spanish language proficiency through the discussion and analysis of Hispanic cultures, historic events and sociopolitical currents as they are represented in film.

Prerequisites: Spanish 2213 and 2223 or consent of the department.



SPAN 3313 – Spanish in Contact with Other Languages**(3 credits – TG) 3 hour lecture**

Taught in Spanish this course discusses the development and expansion of the Spanish language and examines its status and role in comparison to other languages with which it comes into contact. Students will become familiar with concepts such as bilingualism, diglossia, code-switching, language attitude, language planning and language maintenance.

Prerequisites: Spanish 3305 and Spanish 3309.

**SPAN 3315 – Introduction to Literature from Spain and Latin America****(3 credits – TG) 3 hours lecture**

This advanced Spanish course will explore a variety of texts from Spain and Latin America such as the picaresque novel, the “modernismo”, the boom and post-boom of Latin American literature, and the “Generación X” in Spain. Along with the specific analysis of texts, the historical context of each author and movement will be considered.

Prerequisites: Spanish 3305 and Spanish 3309, or consent of the department.

**SPAN 3317 – Spanish Literature from the Golden Age to 19th Century****(3 credits – TG) 3 hours lecture**

This advanced Spanish course explores the significant periods in Spanish Peninsular Literature. From the classics of Cervantes to the highly acclaimed works of Emilia Pardo Bazán, this course emphasizes the evolution of the novel in Spain. Along with the specific analysis of texts, the historical context of each author and movement will be considered.

Prerequisites: Spanish 3305, 3309 and 3315 or consent of the department.

**SPAN 3319 – Twentieth-Century Spanish American Testimonial Literature****(3 credits – TG) 3 hours lecture**

This course introduces the main concepts and manifestations of Twentieth-Century Spanish American testimonial narrative. Students will review texts and relate them to their different socio-historical contexts, while examining issues such as truth, fiction and memory, collective and individual voices, and the subaltern subject in testimonial literature. Readings will be complemented with audio-visual materials.

Prerequisites: Spanish 3305 and 3309 or consent of the department.

**SPAN 3331 – Business Spanish I****(3 credits – TG) 3 hours lecture**

This course introduces students to the language and context of business Spanish. Spanish Students are exposed to a variety of authentic texts and commercial environments. They also analyze cultural perspectives of the business world in various Spanish-speaking countries.

Prerequisites: Spanish 2213 and 2223 or consent of the department

**SPAN 3335 – Translation I****(3 credits – TG) 3 hours lecture**

This course is an introduction to the theory and practice of translation. Short written texts of a general nature from a variety of topics will be analyzed and translated. Students will also work on Spanish syntax, semantics, dialectal differences and cultural and stylistic components. Students will do English to Spanish and Spanish to English translations.

Prerequisites: Spanish 3305 and 3309 or consent of the department.

**SPAN 3341 – Spanish-American Literature from Colonial Times to the 19th Century****(3 credits – TG) 3 hours lecture**

This course presents an overview of the evolution and development of literatures of Spanish America from their origins to the 19th century. It exposes students to in-depth reading of representative texts from different periods and gives evidence of the correlation between literary discourse and historical circumstances.

Prerequisites: Spanish 3305 and 3309 or consent of the department.

**SPAN 4401 – Advanced Spanish****(3 credits – TG) 3 hours lecture**

Grammar will be studied based on the analysis of its use in social and literary texts. Students will develop critical reading and thinking skills, and also work on effective oral and written communication.

Prerequisites: Spanish 3305 and 3309, and two of Spanish 3312, 3313, 3315, 3317, 3319, 3331, 3335, 3341, or consent of the department.

**SPAN 4411 – Twentieth Century Literature from Spanish America****(3 credits – TG) 3 hours lecture**

This course will explore a variety of Spanish American texts by authors such as Quiroga, Borges and Carpentier. Different types of writing, including naturalist, fantastic and magic realism, will be explored. Along with the specific analysis of texts, the sociocultural context of each writer and his/her historical period will be considered.

Prerequisite: Spanish 4401 or consent of the department.

**SPAN 4413 – Teaching Spanish as a Second Language****(3 credits – TG) 3 hours lecture**

This course provides students with a comprehensive overview of second language teaching methodologies as well as their relationships with theories on the nature of language and second language acquisition. Students will engage in a range of theoretical, pedagogical and reflective activities. They will write lesson plans, observe classes and do teaching demonstrations.

Prerequisite: Spanish 4401 or consent of the department.

**SPAN 4415 – Twentieth-Century Literature from Spain****(3 credits – TG) 3 hours lecture**

This advanced Spanish course will explore a variety of texts of twentieth-century literature from Spain. This course explores different literary movements such as the “Generación del 27”, “Generación del 50” and “Generación X”. Along with the specific analysis of texts, the historical context of each author and movement will be considered.

Prerequisite: Spanish 3315 or consent of the department.

**SPAN 4417 – Contemporary Women’s Literature from Spain and Latin America****(3 credits – TG) 3 hours lecture**

This advanced Spanish course explores a variety of texts from Spain and Latin America in order to develop an understanding of contemporary Hispanic literature written by women. This course investigates how language, history, ideology, popular culture, and politics shape the experience of contemporary women’s literature in Spain and Latin America.

Prerequisites: Spanish 3305, 3309 and 3315, or consent of the department.



SPAN 4421 – Spanish Pragmatics and Instruction (3 credits – TG) 3 hours lecture

This course is an introduction to Pragmatics and Discourse Analysis as they relate to second language teaching and learning. It explores the nature of oral communication and a functional linguistic view of language. It also focuses on the practicalities of selecting and producing teaching materials to develop pragmatic language ability in beginner and intermediate Spanish second language learners.

Prerequisite: Spanish 4413 or consent of the department.



SPAN 4431 – Business Spanish II

(3 credits – TG) 3 hours lecture

This course is a continuation of Business Spanish I. It provides students with a more in-depth foundation in business language, and introduces cultural concepts that will help them function in today's Spanish-speaking business world. Students will critically analyze authentic scenarios and gain an understanding of business cultural practices in Spain and Latin America.

Prerequisite: Spanish 3331.

SPAN 4435 – Translation II

(3 credits – TG) 3 hours lecture

This course is a continuation of Spanish 3335 – Translation I. It offers students the opportunity to enhance their translation skills by means of intensive practice in the translation of more complex short texts in various fields. Students will critically examine and compare published translations and will do Spanish to English and English to Spanish translations.

Prerequisite: Spanish 3335 or consent of the department.



SPAN 3199, 4199 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

SPEECH (SPCH)

SPCH 1115 – Bridging Communication Tradition

(3 credits – TG) 3 hours lecture

This course is designed to allow the student to explore and experience the oral tradition of native culture and the speech demands of the 21st century. Specifically it provides the student with practical experience in the arts of speaking and listening, as well as an opportunity to contrast communication characteristics of two cultures.

SPCH 1120 – Accent Modifications

(3 credits) 3 hours lecture

This course is designed for students whose first language is not English and who need the skills to be understood and to communicate effectively. Students will learn individual speech sounds, sound combinations, vocabulary and pronunciation. They will practice delivery techniques to develop a fluent, expressive oral presentation in English. This is a very good preparatory class for Speech 2001.

SPCH 2001 – Introduction to Public Speaking (formerly SPCH 1110)

(3 credits – TG) 3 hours lecture

This course provides an introduction to current theories of communication. An understanding of effective communication and its potential is promoted through participation in a variety of speaking situations. Opportunity is given for group discussion; audience analysis; development of good listening habits and how to research, organize and prepare various types of speeches.



SPCH 2003 – Delivery Techniques for Presentation

(3 credits – TG) 3 hours lecture

This course is designed to develop the vocal techniques of the student and to polish fundamental delivery skills. Specifically it provides the student with the option to move to advanced techniques in verbal and non-verbal delivery. It is relevant for anyone whose career path requires them to communicate with others.



SPCH 2005 – Oral Tradition, Narration, and Story-Telling

(3 credits) 3 hours lecture

Students will develop skills in storytelling by examining the elements of communication essential to the storytelling event. This performance based class will focus on developing the visual and aural elements necessary to share the narrator's words and illustrate the images in the story. Vocal expression, characterization and body language, including gesturing and facial expression, will be studied.

SPCH 2007 – Professional Speaking

(3 credits – TG) 3 hours lecture

This advanced course in Public Speaking will concentrate on further development of the student's presentation skills, enhanced with the use of modern technology as a key support component. Emphasis is on adapting presentation techniques to various situations including, interviews, business proposals, report reading, internet conferencing and group forum.

Prerequisite: Speech 2001 or equivalent.



SPCH 2009 – Great Speakers, Great Speeches

(3 credits) 3 hours lecture

Students will discover how, from the inception of democracy to modern times, society has been shaped and influenced by oratory and rhetoric. Drawing on examples such as Aristotle, Marc Antony, Ghandi, Churchill, Nelson Mandela, Mark Twain, Nellie McClung, Margaret Thatcher, Martin Luther King, and William Clinton, this course will investigate and analyze the speaking styles of great speakers of great speeches, and their effects on the values, beliefs and identities of cultures and societies.

SPCH 3001 – Persuasive Speaking

(3 credits) 3 hours lecture

This course is designed for the advanced speaker who wants to develop the art of persuasion further. Students will learn techniques for developing subject matter for different types of persuasive speeches, reasoning, ethics, and the necessary delivery techniques needed to convince, motivate, market, and sell ideas and products with greater success.

Prerequisite: Speech 2001 or equivalent.



SPCH 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

THEATRE ARTS (THEA)

THEA 1100 – Stagecraft I

(2 credits – TG) 1 hour lecture, 3 hours lab

In Stagecraft I, students will be introduced to the technical elements of theatrical productions, stage and scenery. Students will gain carpentry skills and learn the proper and safe operation of hand and power tools through practical projects in the carpentry shop and utilizing stage equipment in the theatre. Students will understand theatre terminology and be introduced to production organization and management.

THEA 1105 – Production Practicum I

(2 credits – TG) 100 hours practicum

Students are required to work on the department's productions in performance or production crew capacities.

THEA 1110 – Acting I**(3 credits – TG) 2 hours lecture, 3 hours lab**

This course is an introduction to improvisation, movement and a creative dramatics approach through theatre games for the beginning actor. Dramatic works from Ibsen to our contemporaries will be discussed.

THEA 1112 – Introduction to the Theatre**(3 credits – TG) 3 hours lecture**

This course provides an introduction to the nature of theatre including the function and purpose of theatre both in historic and contemporary times, an introduction to script analysis and an opportunity to investigate the acting process through scripted scenework.

**THEA 1115 – Creative Drama and Movement for Adults Dealing with Children****(3 credits – TG) 3 hours lecture**

This course deals with directed play, emotional control, and the ability to co-operate with children through improvisation, theatre games and movement. The imagination is developed and students gain experience in developing expressive speech.

**THEA 1120 – Movement I****(2 credits – TG) 1 hour lecture, 3 hours lab**

This course introduces a movement approach for actors that promotes freedom and ease of movement. The work is a physical exploration, which includes training in movement techniques designed to develop flexibility, control, rhythm and expressiveness.

THEA 1130 – Voice for the Actor I**(2 credits – TG) 1 hour lecture, 3 hours lab**

This course provides an introduction to the nature of voice production and articulation. The emphasis will be on freeing the natural voice as it pertains to the stage task.

THEA 1135 – Basic Music Skills I**(1 credit) 1 hour lecture, 1 hour lab**

This course is designed to introduce the student to the rudiments of singing technique. The course will cover vocal vocabulary, techniques for singing, finding your range and singing on pitch.

THEA 1141 – Lighting I**(1 credit) 1 hour lecture, 1 hour lab**

This course is an introduction to stage lighting practice. Students will examine how stage lighting systems and equipment work and how they are used to light the stage. Students will be able to use basic lighting technology safely and understand basic electrical theory and practice. This course is also an introduction to how light is used as an artistic expression in theatre.

THEA 1146 – Sound I**(1 credit) 1 hour lecture, 1 hour lab**

This is a practical course in which students work primarily on the preparation and use of audio for theatre production. A series of lab sessions and creative projects are designed to enable the student to develop an awareness of the effectiveness of sound in theatre and a working knowledge of various types of basic audio equipment. Principles of sound propagation and travel are also covered.

THEA 1154 – Costumes I**(1 credit) 1 hour lecture, 1 hour lab**

This course is an introductory examination of costume shop procedures, tasks, equipment, and techniques with an introductory study of fibres and fabrics where students will acquire skills to sample hand and machine sewing techniques and to retrieve, manage and evaluate information to complete period costume research.

THEA 1157 – Drafting and Design I**(2 credits) 1 hour lecture, 3 hours lab**

In Drafting and Design I, students will be introduced to the use of drafting in the theatre, through practical exercises in orthographic and isometric projection, plans, elevations and sections. This is designed to increase their ability to glean information from drawings as supplied by the designer. This approach to the design process will be supplemented with an introduction to perspective rendering.

THEA 1200 – Stagecraft II**(2 credits – TG) 1 hour lecture, 3 hours lab**

This course is a continuation of Theatre Arts 1100 in more depth and detail. Students will be introduced to materials and techniques used in properties construction and scenic painting. Students will work on practical projects in colour mixing, and scenic painting techniques, as well as prop building.

Prerequisite: Theatre Arts 1100.

THEA 1202 – Early Theatre**(3 credits – TG) 3 hours lecture**

This course addresses the history and development of Western Theatre from Ancient Greece to the English Restoration.

**THEA 1203 – Modern Theatre****(3 credits – TG) 3 hours lecture**

This course addresses the history and development of Western Theatre from the English Restoration to the present.

Recommended Preparation: English 0212 or 2201

**THEA 1205 – Production Practicum II****(2 credits – TG) 100 hours practicum**

Students are required to work on the department's productions in performance or production positions.

Prerequisite: Theatre Arts 1105 or 1110 with a C- or higher.

THEA 1206 – Production Practicum III**(3 credits – TG) 200 hours practicum**

Students in their second year will work on the department's productions in major acting roles and senior production positions.

Prerequisite: Theatre Arts 1205.

THEA 1207 – Production Practicum IV**(3 credits – TG) 200 hours practicum**

Students in their second year will work on the department's productions in major acting roles and senior production positions.

Prerequisite: Theatre Arts 1206.

THEA 1208 – Properties I**(2 credits) 1 hour lecture, 3 hours lab**

Students will gain an understanding of various basic techniques of properties construction, coupled with an appreciation of the aesthetic and structural consideration that are involved in the design, planning and execution of any given stage property. Students will produce projects in a wide range of different props from simple handprops to fake food and replica weapons. Props organization in the purchase and/or borrowing of properties as well as set dressing and running of props will be examined.

Prerequisite: Theatre Arts 1200.

THEA 1209 – Properties II**(2 credits) 1 hour lecture, 3 hours lab**

The course is a continuation of Theatre Arts 1208 in more depth and detail. The course continues with instruction in the use of metals, dyes and paints and an introduction to furniture construction involving period styles.

Prerequisite: Theatre Arts 1208.

THEA 1210 – Acting II**(3 credits – TG) 2 hours lecture, 3 hours lab**

This course is a continuation of Theatre Arts 1110. Contemporary plays are discussed, and classroom exercises are based on the scripts. The emphasis is on character analysis, character portrayal and performance techniques.

Prerequisite: Theatre Arts 1110.

THEA 1211 – Acting III**(4 credits – TG) 3 hours lecture, 3 hours lab**

This course provides continued study in the techniques of acting with the emphasis on intensive scene work from contemporary scripts.

Prerequisite: Theatre Arts 1210.

THEA 1212 – Acting IV**(4 credits – TG) 3 hours lecture, 3 hours lab**

This course provides continued study in the techniques of acting with the emphasis on scenes selected from period scripts. The periods to be studied may be chosen on the basis of the department's productions.

Prerequisite: Theatre Arts 1211.

THEA 1215 – Acting for Film and Television**(2 credits – TG) 1 hour lecture, 1 hour tutorial**

This course will assist the actor in making the transition from stage to film and television.

Prerequisite: Theatre Arts 1211, 1221 and 1231.

THEA 1220 – Movement II**(2 credits – TG) 1 hour lecture, 3 hours lab**

This course is a continuation of the work introduced in Theatre Arts 1120. Emphasis will be placed on the skilful integration of the developing skills.

Prerequisite: Theatre Arts 1120.

THEA 1221 – Movement III**(2 credits – TG) 1 hour lecture, 3 hours lab**

This course provides the opportunity for more advanced and in-depth movement techniques for actors based on a solid foundation of understanding gained in Theatre Arts 1120 and 1220.

Prerequisite: Theatre Arts 1220.

THEA 1222 – Movement IV**(2 credits – TG) 1 hour lecture, 3 hours lab**

This course is intended to teach the students the basics of theatrical stage combat covering the disciplines of unarmed combat, single sword and quarter staff in preparation for the development of character work in staged violence, with the safety of the actor as a prime concern. At the successful completion of this course, the student may receive certification for the Actor Combatant Level with Fight Directors Canada, the national governing body responsible for teaching Stage Combat.

Prerequisite: Theatre Arts 1221.

THEA 1230 – Voice for the Actor II**(2 credit – TG) 1 hour lecture, 3 hours lab**

The focus of this course is on voice for characterization. Work is primarily on oral interpretation of literature with emphasis on vocal technique in performance.

Prerequisite: Theatre Arts 1130.

THEA 1231 – Voice for the Actor III**(2 credit – TG) 1 hour lecture, 3 hours lab**

This course explores the varied demands made on the actor's voice in theatrical applications. Emphasis is on quality and control in performance.

Prerequisite: Theatre Arts 1230.

THEA 1232 – Voice for the Actor IV**(2 credit – TG) 1 hour lecture, 3 hours lab**

This course is a continuation of work with the voice of the individual actor.

Prerequisite: Theatre Arts 1231.

THEA 1235 – Basic Music Skills II**(1 credit) 1 hour lecture, 1 hour lab**

This is a continuance of Theatre Arts 1135. The student will build on existing techniques and will develop the ability to choose individual selections appropriate to their vocal style. In this course the student will develop a repertoire of songs appropriate for a performance audition. Units will include:

Unit I – What's Available

Unit II – Vocal Style

Unit III – Putting it all Together

THEA 1241 – Lighting II**(1 credit) 1 hour lecture, 1 hour lab**

This course is a continuation of Theatre Arts 1141. Students will have the opportunity to learn more about light as a design element in the theatre as well as the planning and drafting of lighting for the stage. Students will learn to operate computer lighting control desks and be introduced to stage lighting colour theory. Students will learn stage lighting graphics and paperwork organization by creating a lighting design using the McCandless Method of design.

Prerequisite: Theatre Arts 1141.

THEA 1242 – Lighting III**(2 credits) 1 hour lecture, 3 hours lab**

This course looks at the process of lighting from the point of view of the Master Electrician. Students will involve themselves in an in-depth study of the technology of theatrical stagelighting, modern theatre technology, including computer lighting control, digital dimming, projections and colour science will be examined through practical labs and projects.

Prerequisite: Theatre Arts 1241.

THEA 1245 – Lighting IV**(2 credits) 1 hour lecture, 3 hours lab**

This course draws on the knowledge of the technology of stage lighting gained in Theatre Arts 1242 to examine, in-depth, the role of the lighting designer in professional theatre. Students follow the design process from script to final design blueprints, focus and level/cue setting through practical design projects in the theatre and theoretical designs using Computer Aided Drafting and Design software.

Prerequisite: Theatre Arts 1242.

THEA 1246 – Sound II**(1 credit) 1 hour lecture, 1 hour lab**

This course is a continuation of Theatre Arts 1146. This is a practical course in which students work primarily on the preparation and use of audio for theatre productions. A series of lab sessions and creative projects are designed so that the student develops an awareness of the effectiveness of sound in theatre and a working knowledge of various types of audio equipment. Students will be introduced to digital audio technology and digital editing for show production.

Prerequisite: Theatre Arts 1146.

THEA 1248 – Sound III**(2 credits) 1 hour lecture, 3 hours lab**

This course is structured to provide the student with knowledge of and experience in the use of contemporary theatre audio systems and methods. Students will explore the principles of sound generation, control, reproduction and processing, audio augmentation in stage productions and the proper preparation and operation of equipment for complex audio productions in the theatre using current audio recording, mixing and editing techniques.

Prerequisite: Theatre Arts 1246.

THEA 1249 – Sound IV**(2 credits) 1 hour lecture, 3 hours lab**

This is a course in advanced audio theory and practice and the role of the Audio Engineer and the Sound designer in professional theatre. Through practical workshops and labs students will examine audio system configuration and architecture, digital audio and MIDI systems, wireless technology, monitor mixing techniques and live audio reinforcement.

Prerequisite: Theatre Arts 1248.

THEA 1254 – Costumes II**(1 credit) 1 hour lecture, 1 hour lab**

This course is an examination of fabric and notions selection and costume design methods. Students acquire skills to cut and build a simple garment, and to retrieve, manage and evaluate period costume information in order to develop a costume design concept.

Prerequisite: Theatre Arts 1154.

THEA 1255 – Costumes III**(2 credits) 1 hour lecture, 3 hours lab**

This course is an examination of drafting, draping and fitting basic blocks with a study of period costume design elements and methods, where students will acquire skills to draft, cut, build and fit a simple period costume. Students will retrieve, manage and evaluate information to identify period costume design elements and methods.

Prerequisite: Theatre Arts 1254.

THEA 1256 – Costumes IV**(2 credits) 1 hour lecture, 3 hours lab**

This course is an examination of drafting, cutting and building a complex period costume with a study of the selection and application of fabric dyes, paints and decorative materials where students acquire skills in dyeing, painting and breakdown. Students will acquire skills to retrieve, manage and evaluate information to do comparative period costume research.

Prerequisite: Theatre Arts 1255.

THEA 1257 – Drafting and Design II**(2 credits) 1 hour lecture, 3 hours lab**

This course is an examination of basic CADD (Computer Aided Drafting and Design) computer concepts with a study of basic CADD computer operations where students acquire skills in CADD drawings of elevations, ground plans, sections, and orthographic and isometric projections.

Prerequisite: Theatre Arts 1157.

THEA 1258 – Scenic Painting I**(2 credits) 1 hour lecture, 3 hours lab**

This course is an introduction to the basic techniques in scenic painting for the theatre. Students will produce projects using basic painting techniques to produce various effects including woodgrain, brickwork and foliage.

Prerequisite: Theatre Arts 1257.

THEA 1259 – Scenic Painting II**(2 credits) 1 hour lecture, 3 hours lab**

This course is a continuation of Theatre Arts 1258 in more depth and detail. The course continues with more complex painting projects involving colour mixing, stencils, stamps, scaling drop painting and more advanced texturing techniques.

Prerequisite: Theatre Arts 1258.

THEA 1267 – Stage Carpentry and Scenic Construction I**(2 credits) 1 hour lecture, 3 hours lab**

This course covers the construction of theatrical set pieces using advanced procedures. Theatre carpentry is studied using more advanced tools, joinery and building techniques. Topics may include, three dimensional elements such as ceilings, wagons, weight bearing staircases and platforms and irregular shapes and surfaces. Students will understand the role and responsibility of the Head Carpenter and carpentry shop organization and management.

Prerequisite: Theatre Arts 1200.

THEA 1268 – Stage Carpentry and Scenic Construction II**(2 credits) 1 hour lecture, 3 hours lab**

This course examines the roles and responsibilities of the Stage Carpenter in addition to further projects in scenic construction. Students will learn stage carpentry through practical exercises and projects in rigging and flying scenery, rigging knots and safe practice when operating a fly system will be addressed. Techniques for shifting scenery such as wagons, skids, revolves and flying will be introduced, as well as setup procedures. Scenic construction techniques will deal with movable scenery.

Prerequisite: Theatre Arts 1267.

THEA 1271 – Stage Management I**(2 credits) 1 hour lecture, 3 hours lab**

This is an introductory level course in stage management. Students will be introduced to the organizational skills necessary for successful stage management in a theatrical production. The position of the Assistant Stage Manager will be explored in detail. Clear and concise communication within the production team will be stressed. Various stage management forms will be introduced.

Prerequisite: Theatre Arts 1100.

THEA 1273 – Stage Management II**(2 credits – TG) 1 hours lecture, 3 hours lab**

This is an advanced course in stage management with the role of the Equity Stage Manager as the major focus. Organizational skills and communication skills will be stressed. Through practical projects, students will perform the role of Stage Manager, creating prompt book and calling cues. Study will include: an overview of technical direction, production management and administration. Performing arts unions and associations will be analyzed.

Prerequisites: Theatre Arts 1100 and 1200.

THEA 1280 – Professional Development**(1 credit) 1 hour lecture, 1 hour lab**

This course is designed to prepare the student for field placement or employment in the profession.

THEA 1285 – Film and Television Set Etiquette**(2 credits) 1 hour lecture, 1 hour tutorial**

This course is an introduction to the technical aspects of the film and television industry. It will introduce basic film vocabulary and basic first day etiquette. Various union jurisdictions and job descriptions in the film industry will be addressed. Students will learn what personal supplies may be needed on a first day of work, what questions they need to ask the dispatcher, and how to fill out an employee start pack properly. A filming Code of Ethics and the ethics of shooting on location will also be discussed.

Note: This course is recognized by IATSE Local 212 as a prerequisite for permit status.

THEA 2001 – Introduction to Acting**(3 credits – TG) 3 hours lecture**

This course offers students an introduction to the technique of acting, including the analysis and enactment of scripted scenes, and characterization.

Recommended preparation: Theatre Arts 1112

Note: This course may not be taken by students enrolled in the Theatre Arts Performance diploma.

THEA 1199, 1299 – Directed Readings

See **Directed Readings** which are listed alphabetically in this section of the calendar.

UNDERGRADUATE STUDIES (UGST)**UGST 1001 – Effective Learning in the Undergraduate Context****(3 credits – TG) 3 hours lecture**

Effective Learning in the Undergraduate Context provides students with opportunities to increase their knowledge of effective learning, enhance their use of strategies, and reflect on their learning. Activities and assignments in a collaborative classroom setting will facilitate the application of concepts from research to the students' own learning.



UGST 1002 – Change, Challenge and Choice: The University Context and Beyond

(3 credits – TG) 3 hours lecture

This course presents current research and strategies related to effective coping in a rapidly- changing world. Topics such as stress, effective coping, relating and working well with others, and putting change in perspective are included. Lectures, discussions, and assignments are intended to emphasize the applicability of what students are learning to experiences they are likely to encounter during their lives, and particularly as students in the university setting. A study skills component is included to help students meet the expectations of university-level courses.

WOMEN'S STUDIES (WMST)

WMST 1172 – Introduction to Women's Studies

(3 credits – TG) 3 hours lecture

An interdisciplinary study of major issues confronting Canadian women. Topics may include: Canadian feminism in historical perspective, health, sexuality, work issues (such as equal pay, unemployment, pensions and the impact of technology), family issues and women's role in Canadian politics.



WMST 2205 – Issues for Women Globally

(3 credits – TG) 3 hours lecture

This course is an interdisciplinary study of the major issues confronting women within a global context. This course explores the political, social and economic role and status of women from developing countries. Themes may include the impact of economic globalization; citizenship, migration and refugee issues; the global sex trade; women and AIDS; militarization and nationalism; and, transnational feminist alliances for social change.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 2207 – Contemporary Issues in Feminism

(3 credits – TG) 3 hours lecture

A survey and analysis of issues concerning women's lives in their contemporary social context. Topics include images of women, mother/daughter and other family relations, marriage and divorce, women and work, violence against women, sexuality and power.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 2221 – Women and Health

(3 credits – TG) 3 hours lecture

This course will examine women's experiences of physical and psychological health, of perceptions and treatment of women in health care systems, and of the role of women as health care providers in families and society. Examples will come primarily, but not exclusively, from the Canadian context.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 2239 – Gender and Popular Culture

(3 credits – TG) 3 hours lecture

This course will introduce students to feminist and postmodern theoretical perspectives on gender and popular culture. Selected themes may include gender and spectatorship; representing difference; advertising as ideological practice; cyberbodies and technoculture; and subculture and cultural resistance.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 2283 – Women and Aging

(3 credits – TG) 3 hours lecture

This course will examine the reality and variation in women's lives as they age. The focus will be on Canadian society in social and historical context, but comparisons and examples will be taken from other societies.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 3301 – Feminist Theories

(3 credits – TG) 3 hours lecture

This course provides an introduction to Western European and North American feminist writings and their relationship to women's movements from the 17th to the early 21st centuries. The effects of historical ideas about gender, race, class and sexuality on early feminist analyses and visions of social change will be considered.

Prerequisite: One of Women's Studies 1172, 2205, 2221, 2239, 2283 or 3302.

Note: Students will receive credit for only one of Women's Studies 2207 and 3301.

WMST 3302 – Feminist Research and Methods

(3 credits – TG) 3 hours lecture

This course is a feminist examination of the connections between epistemology, method and methodology. This course explores a range of approaches taken by feminist researchers when rethinking traditional analytic paradigms in order to create distinctly feminist models to guide their work.

Prerequisite: Women's Studies 1172.

Recommended Preparation: Women's Studies 3301 or any 2000 level Women's Studies course.

WMST 3309 – Contemporary Feminist Debates

(3 credits – TG) 3 hours lecture

This course examines contemporary debates among feminists in Canada and around the world. We will compare concerns about the global situation of women, as articulated by international bodies such as the United Nations, with concerns articulated by feminists in different parts of the world. Course topics will shift to reflect the continuous and dynamic evolution of feminist thought and activism in contemporary social and political contexts.

Prerequisite: One of Women's Studies 1172, 2205, 2221, 2239, 2283.



WMST 3311 – Race, Femininity and Representation.

(3 credits – TG) 3 hours lecture

This course will examine the conventions by which subjugated colonial female identities are constructed, contested and negotiated in and through Eurocentric practices of intercultural representation. Various strategies aimed at challenging dominant codes of intercultural representation will be considered in terms of their potential to foster more empowering identities for women.

Prerequisite: One of Women's Studies 1172, 2205, 2239 or consent of the department



WMST 3345 – Sex, Gender and the Body

(3 credits – TG) 3 hours lecture

This course will examine the diverse and historically varying relationships forged between biological sex, culturally formulated discourses of masculinity and femininity, and the sexed body. Topic areas will include: scientific discourse and medical research, health care, popular culture, body image, religious practices, and violent conflict.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.



WMST 3346 – Gender, Culture and Technology**(3 credits – TG) 3 hours lecture**

This course will examine the power relations structuring the development and use of technology. This course explores the interplay between gender, race, class and various technologies on the everyday lives of women, both locally and globally. The problems and possibilities associated with technological development will be considered.

Recommended Preparation: Women's Studies 1172 or any 2000 level Women's Studies course.

**WMST 3850 – Advanced Special Topics in Women's Studies****(3 credits – TG) 3 hours lecture**

The specific content of the course will vary by term and instructor. Possible topics include but are not limited to: feminist perspectives on war and militarism, celebrity feminists, ecofeminisms, feminist approaches to development and globalisation, psychoanalytic feminisms, the intersections of feminist and queer theories, and feminist debates regarding prostitution and sex work.

Prerequisite: One of Women's Studies 1172, 2205, 2221, 2239, 2283

**WMST 4401 – Advanced Studies in Feminist Theories****(3 credits) 3 hours lecture**

This course offers advanced students an opportunity to explore in breadth and depth the intellectually dynamic evolution of one particular feminist theorist and/or body of thought within the broad range of available feminist theories. Potential topics could include: post-colonial and transnational perspectives, ecofeminisms, indigenous feminisms, queer theories, and feminist approaches to world politics.

Prerequisites: Women's Studies 3301 or 1172 and one of Women's Studies 2205, 2221, 2239, 2283, or consent of the instructor.

**WMST 3199, 4199 – Directed Readings**

See **Directed Readings** which are listed alphabetically in this section of the calendar.

GLOSSARY

Academic Schedule

- A calendar of important University dates such as the first and last day of classes, deadlines for payment of fees and last day to withdraw from a course. Students are responsible for meeting all crucial deadlines in the Academic Schedule.

Academic Standing

- Academic Standing in its various forms applies to all current Mount Royal students and relates to students' eligibility to register in credit courses within a Mount Royal program and their eligibility to graduate from a program. The stages of Academic Standing are, in order, Good Standing, Academic Warning, Academic Probation and Required to Withdraw.

Academic Probation

- A student is placed on Academic Probation when s/he has been on Academic Warning for two (2) semesters and has a cumulative Grade Point Average (GPA) less than 2.00. A student will be permitted to remain on Academic Probation for one (1) semester within a twelve month period.

Academic Warning

- A student is placed on Academic Warning when s/he has accumulated a minimum of nine (9) earned credits and has a cumulative Grade Point Average (GPA) of less than 2.00. A student will be permitted to remain on Academic Warning for a maximum of two (2) semesters within a twelve month period.

Admission

- Acceptance of a person who has formally applied to attend the University. Individuals may be admitted if they meet the admission requirements for the program they wish to study and submit all the necessary forms, transcripts and supporting documentation.

Admission Requirements

- Sometimes called entrance requirements.
- The background an applicant must have before being admitted to study at the University. Some examples of admission requirements are: a high school diploma, letters of reference, English Language Arts 30-1 and a Department of Transport Medical Clearance.

Advanced Placement (AP)

- Advanced courses offered at the high school level and developed by the University Entrance Examination Board, New York.
- Courses may be used for admission and/or transfer credit purposes.

Advisor

- Sometimes called an academic advisor or academic advisor.
- Faculty member or staff who helps students select their program of study and the specific courses that will satisfy graduation requirements for their program. Advisors have been assigned to each program the University offers. Students should keep their original advisor as long as they stay in the same program.

Alumni

Alumni are individuals:

- who have received degrees, diplomas, credit certificates, or high school diplomas from the University;
- who have received designated credit-free certificates in the following programs: Funeral Director Extension Certificate, Herbal Therapy Extension Certificate, Massage Therapy Extension Certificate, Personal Fitness Trainer Extension Certificate, TVP Employment Preparation Extension Certificate;
- who have successfully completed one full scholastic year (30 academic credits) of study at the University and one full year has passed since their last date of attendance; or
- who are 18 years of age or older and previously attended the Mount Royal University Conservatory for a minimum of 6 years.

Appeal

- A request that a grade on a particular piece of work or a final standing in a course or program be changed on grounds related to the accuracy or fairness of the mark assigned.

Approved Option

- A course relating to a student's field of study that must be chosen in consultation with and approved by the appropriate academic advisor.

Auditor

- Often referred to as an auditing student.
- A student who pays to attend a credit class. An auditor does not receive credit for attending the course and is not allowed to participate in assignments or exams. To audit a course, students must have the permission of the instructor.

Awards

- Are monetary and/or non-monetary awards that recognize a student's achievement in a course or program that is not solely based on a GPA calculation or financial need.

Bursaries

- Are monetary awards granted to students on the basis of demonstrated financial need. Emergency bursaries are given to students as a result of urgent, unforeseen circumstances that result in immediate financial need.

Cognate course

- a cognate course is a course from outside a defined discipline which complements and enhances the breadth of knowledge and skills found within the area of study. For example, the core requirements in the Bachelor of Science (Geology) include CHEM and COMP courses as well as GEOL courses. The CHEM and COMP courses are considered 'cognate' courses.

Continuing Student

- Student who was enrolled in one or more courses at Mount Royal University during the immediately preceding major semester (i.e., Fall or Winter). Students who attend the Winter Semester, miss the Spring Semester, and then return for the Fall Semester are also considered to be continuing students.

Convocation

- The ceremony to celebrate with those students who successfully completed their program and satisfied the University's graduation requirements. The convocation ceremonies are held in early November and early June.

Co-operative Education

- Integrated academic study and alternating salaried work-terms available in a number of specialized disciplines.

Co-requisite

- Course(s) students must take at the same time they are taking other particular courses.

Course Load

- The number of courses a student takes in a semester.

Credit

- Credit weight reflects student workload rather than classroom contact hours. Normally, students are expected to devote nine to twelve (9 – 12) hours of academic time and effort per week for a three (3) credit course. Academic time and effort includes class time (e.g., lectures, labs, studios, tutorials, etc.) as well as any experiential or blended components. In addition, all independent study (e.g., assignments, readings, preparation, study, etc.) is included. Courses are normally valued as three (3) credits or multiples of three credits.

Deferred Final Examination

- Students who miss a final examination due to some compelling reason may apply, through the Office of the Registrar, to write the examination at a later date. The decision to grant a deferred examination rests solely with the professor of the course in which the student wishes a deferral. Refer to the *Examination Policy* and *Deferred Examination* sections under *Academic Regulations*.

Directed Field Studies

- Integrate academic learning with work experience or self-employed businesses and may be included in the curriculum for applied baccalaureate degree programs.

Directed Readings

- Special arrangement whereby students may pursue and receive credit in areas of study on an independent basis. See *Directed Readings* under the *Course Description* section for procedures and restrictions.

Disqualified Student

- A student who is no longer permitted to attend Mount Royal University for a specified period of time. Students will be disqualified if they do not do well in their courses. The University transcript will carry a notation *Required to Withdraw*.

Drop/Add

- Frequently referred to as registration adjustment or change of registration.
- Students may drop or add courses following initial registration. Courses, which are *dropped*, do not show on a student's record.

eCampusAlberta

- A consortium of 15 Alberta Colleges and Technical Institutes that have formed a partnership offer Albertans greater access to online learning opportunities.
- See eCampusAlberta in the *Registration Information* section.

ESL/EAC/EF

- English as a Second Language/English for Academic Purposes/ English for Advanced Communication/ English Foundations.
- Special English courses offered to students who do not speak, read, or write English well enough to be successful in MRU credit courses. The ESL/EAP courses are offered through the Languages Institute. For further information call 403.440.5100.

Elective

- A course which is not specified for a program but counts towards an applied degree, diploma, or certificate. While academic advisors may recommend certain courses to fulfill elective requirements, students may freely choose their electives.

Fees

- Money which students must pay the University to attend courses. Tuition and fees cover things such as accident insurance, athletics, some laboratory costs, as well as class attendance. They do not cover text books.

Full-time Status

- For admission, registration and advising purposes, a full-time student is one who is admitted to a designated program and who enrolls in three (3) or more courses (normally a minimum of nine [9] credits) in a semester.
- For financial assistance, under The Province of Alberta Students Finance Act, and for fee assessment purposes, a full-time student is considered to be one taking at least three (3) courses and a minimum of nine (9) credits per semester for the Fall or Winter Semesters or at least two (2) courses and a minimum of six (6) credits for the Spring Semester. See the Fees and Financial Aid and Scholarships sections.
- For Income Tax purposes, a full-time student must be enrolled in a minimum of nine (9) credits (excluding Audit courses and courses for which credit was granted by the prior learning assessment and recognition process) per semester.
- For participation on a Mount Royal University Athletic Team, a full-time student must be enrolled in at least three (3) courses and a minimum of nine (9) credits.

Good Standing

- A student who has accumulated a minimum of nine (9) earned credits, and has a cumulative Grade Point Average (GPA) of 2.00 or better is considered to be in Good Standing.

Grade Point Average (G.P.A.)

- The average of a student's marks. The University does not use percentage grades for final marks; thus, each letter grade is assigned a number of points (i.e., A = 4 points, D = 1 point) so that the marks can be added together and averaged. For more information, see the *Academic Status* section.

Grievance

- A claim or complaint by a student that a University unit has reached a decision which is not in keeping with University policy or taken an erroneous action which adversely affects the student.

Instructor

- Sometimes called a faculty member or teacher.
- A qualified individual who teaches at the University.

Interdisciplinary Program

- An interdisciplinary program is one based on a combination and integration of courses and is comprised primarily of courses with the same discipline prefix but also include cognate courses.

International Baccalaureate (IB)

- Advanced courses offered at the high school level and developed by the International Baccalaureate Office, Geneva.
- Courses may be used for admission and/or transfer credit purposes.

Limited Enrolment Program

- Often referred to as a quota program.
- A program which only accepts a fixed number of first year students.

Open Studies Student

- A student who is not admitted to a designated program of study. Students are only permitted to accumulate 30 credits (normally ten courses) as an Open Studies student

Option

- A course selected by the student from the list of courses available in the calendar. It counts toward an applied degree, diploma or certificate.

Parchment

- The award received for successful completion of the University's graduation requirements for a baccalaureate degree, applied degree, diploma or certificate.

Part-Time Status

- A student who is admitted to a designated program and who enrolls in one (1) or two (2) credit courses (normally fewer than [9] credits) in a semester.

Petition

- A request that a regulation be waived on compassionate grounds or because of extenuating circumstances (i.e., petition for readmission or against disqualification).

Practicum

- A course of study involving supervised practical work.

Prerequisite

- Course(s) that students must successfully complete prior to taking a higher-level course. Students who register in a course for which they do not have a prerequisite may be deregistered from that course.

Program

- An approved group of related courses leading to a baccalaureate degree, applied degree, diploma or certificate.

Re-Admitted Student

- A student who has taken course(s) at Mount Royal University in the past but not in the immediately preceding Fall or Winter semester.

Registration

- The period before each semester when students select and enrol in classes and pay fees. New and returning students cannot register in courses until they have been officially admitted to the University.

Required Courses

- Often called compulsory courses. Specific courses in a program that relate to the field a student is studying. Students may not substitute any other course for a required course without the written permission of the program chair. To graduate, students must complete all the required courses outlined in their program pattern.

Required to Withdraw

- A student is Required to Withdraw from the institution for a minimum of twelve months when s/he has been on Academic Probation for one (1) semester and has a cumulative Grade Point Average (GPA) less than 2.00. **The University transcript will carry a notation Required to Withdraw.**

Scholarships

- Are monetary awards granted to students on the basis of academic achievement and, in some cases, extracurricular activities.

Semester

- Often known as an academic session. Each academic year at the University is divided into periods of time called semesters. At Mount Royal, the Fall and Winter Semesters each last 13 weeks and are referred to as major semesters. There is also one Spring Semester, which usually lasts 6.5 or 13 weeks. Some courses may deviate from this standard. Students who attend the Spring Semester receive the same number of hours of instruction for each course taken as in the Fall or Winter Semester.

Senior Matriculation

- Frequently known as university entrance.
- A term used in Alberta to describe a student who has an Alberta High School Diploma (100 credits) with five (5) appropriate 30-level subjects. These five (5) 30-level subjects must be chosen carefully as different subjects are required for entrance to the various university faculties.

Student Loan

- A government loan to help students pay for books, tuition and living expenses while attending a college, university or technical school. Students must start paying back their loan once they have been out of school for six (6) months. See the *Financial Aid* section for more information.

TOEFL/ iBT

- Test Of English As A Foreign Language/internet-based TOEFL.
- An international test of English which is one option to demonstrate English proficiency for applicants whose native language is not English.

Transcript

- Sometimes called an academic record or student record.
- A permanent record of all of a student's courses, credits and grades. Transcripts are maintained by the Office of the Registrar and are only released upon written request by the student.

Transfer Credit

- Sometimes called advanced credit or advanced standing.
- Courses completed at another accredited college, university or technical institute are recognized as transfer credit if the courses are comparable to credit courses offered at the University and if the transfer credit satisfies graduation requirements for a Mount Royal University baccalaureate degree, applied degree, diploma or certificate.

Transfer Equivalency

- Courses completed at another accredited college, university or technical institute. Although the course may not apply to the student's current program of study, it may be used to determine eligibility to register in a particular course (prerequisite checking) and/or admission requirements. In addition, course equivalencies may be used in a degree audit to determine transfer credit for a student's current program or used to perform hypothetical scenarios.

Tuition

- See the *Fees* section of this calendar for more information.

Withdrawal

- Procedure for a student who withdraws from one or more courses or from the University completely and stops attending classes. Students who do not withdraw from courses using the proper procedures can be given an "F" grade in the course(s) even if they haven't attended class.

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Nickle, P., Coordinator, Advanced Studies in Critical Care Nursing (Critical Care and Neuroscience Nursing), Department of Advanced Specialty Health Studies, Faculty of Health and Community Studies, Mount Royal University (Ex-Officio)

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O'Toole, P., Patient Care Manager, ICU/CCU/EEG, Misericordia Community Hospital

Petersen, C., Manager, ICU, Red Deer Regional Health Centre

Phillips, J., Clinical Manager, ICU/CCU, Grey Nuns Hospital

Redlich, M., Unit Manager, ICU/CCU, Rockyview General Hospital

Reedyk, K., Manager, ER, Chinook Regional Hospital

Reil, E., Clinical Nurse Educator, General Systems ICU, University of Alberta Hospital and Stollery Children's Hospital

Richardson, H., Clinical Nurse Specialist, University of Alberta Hospital

Schmidt, D., Manager, CVIUC, Foothills Medical Centre

Smith, T., Manager, Emergency, South Health Campus

Tanguay, T. President CACCN

Taylor, J., Nursing Unit Manager, ICU, Chinook Regional Hospital

Taylor, K., Manager, Emergency, Peter Lougheed Centre

Taylor, R., Manager, ICU, South Health Campus

TBD, Coordinator, Advanced Studies in Critical Care Nursing (Emergency Nursing) Mount Royal University (Ex-Officio)

Wickson, P., Manager, ICU, Peter Lougheed Hospital

Wong, F., Clinical Instructor, Neurosciences Unit, Foothills Medical Centre

Zelmer, J., Practice Education Consultant, Alberta Health Services

Advanced Studies in Perinatal and Neonatal Nursing

Bank, M., Patient Care Manager, NICU, Rockyview General Hospital

Bateman, D., Manager, Acute Care Services, Canmore General Hospital

Beischel, S., Coordinator, ASPN Program, Mount Royal University (Ex-Officio)

Bright, K., ASPN Student Representative

Lasby, K., Clinical Nurse Specialist, Neonatal Transitional Care Program, Alberta Children's Hospital

London, C., Dean, Faculty of Health and Community Studies, Mount Royal University (Ex-Officio)

Palmquist, B., Area Manager, Community Prenatal Programs

McLellan, H., Chair, Department of Advanced Specialty Health Studies, Mount Royal University (Ex-Officio)

Melatdoost, C., Instructional Assistant, Department of Advanced Specialty Health Studies, Mount Royal University (Ex-Officio)

Athletic Therapy

Donnon, T., Dr. Community Health Sciences, University of Calgary

Gross, A., Dr. Optimal Therapies, EnCana Wellness Centre, Mount Royal University

Lau, B., President, Alberta Athletic Therapists Association, Assistant Professor, Physical Education and Recreation Studies, Mount Royal University

Lopes, H

Russel, R., Bishop Grandin High School

Sutter, B., Head Athletic Therapist, Dinos Athletics, and Recreation, University of Calgary

Westbrook, K., Associate Professor, Physical Education and Recreation Studies, Mount Royal University

Wishlow, L., President, Kinetic Medical Inc

Aviation Diploma

Benson, M., Assistant Professor, Bissett School of Business, Mount Royal University

Conroy, T., Assistant Chief Pilot, Air Canada Jazz

Cygman, L., Assistant Chair, Aviation, Mount Royal University

Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University

Kostyan, N., Student Representative, Mount Royal University

Lewis, D., Student Representative, Mount Royal University

Spear, H., Westjet

Valladares, H., Chair, Bissett School of Business, Mount Royal University

Wiebe, D., Chief Flight Instructor, Mount Royal University

Young, M., Dean, Bissett School of Business, Mount Royal University

Bachelor of Applied Business and Entrepreneurship – Sport and Recreation

Bagshaw, J., VP, Marketing, Calgary Flames

Cooper, D., President, ITSportsNet

Dawe, C., Manager, Recreation, Mount Royal University

Dirks, D., CBC Sports

France, B., VP Sports, WinSport Canada

Genier, L., VP, Business Development, Calgary Stampeders Football Club

Henwood, D., President, Canadian Sport Centre, University of Calgary

Legg, D., Associate Professor, Physical Education and Recreation Studies, Mount Royal University

MacNaughton, C., President, Canadian Orienteering Association Federation

Read, K.

Rooney, N., The Glencoe Club

Scott, S., Cardel Place

Shea, S

Bachelor of Applied Child Studies

Auger, W., Manager, Immigrant Services Calgary
 Borch, D., Community and Neighborhood Services, City of Calgary
 Galey, T., Manager, Parent Link
 Klensch N., Owner/Operator, Summit Kids
 Lepps, B., Client Services Collaboration Manager, Aspen Family and Community Network Society
 London, C., Dean, Faculty of Health and Community Studies, Mount Royal University
 McInnis, B., VP Outreach Services, Providence
 Mehdwan, D., Work Experience Coordinator, Career Services, Mount Royal University
 Mascher, J., Research Project Coordinator, Alberta Health Services
 Poirier, C., Recreation Coordinator, Hull Family and Child Services
 Richardson, J., Mount Royal University Student Representative
 Sandhu, J., Community Social Worker, The City of Calgary
 Smey Carston, C., Chair, Department of Child and Youth Studies, Mount Royal University
 Soenen, D., Director, Wood's Homes
 Unger, L., Provisional Psychologist, Renfrew Educational Services
 Valenti, M., Executive Director, Mount Royal University Child Care and Preschool
 Wooley, P., CEO Families Matter Society
 Yu, J., Mount Royal University Student Representative

Bachelor of Applied Ecotourism and Outdoor Leadership

Acheson, J., Student
 Donelon, S., Acting Regional Director, Alberta Tourism, Recreation and Parks
 East, B., Calgary Board of Education
 Fink, L., Student
 Fisher, B., Director, Parks Canada
 Godfrey, C., Manager, Base Camp Enviros
 Heffernan, L., Alumni President
 Jamieson, J., General Manager, Rocky Mountain YMCA/Camp Chief Hector
 Nickel, R., Executive Director, Calgary Area Outdoor Council
 O'Neil, R., Director, Fall Protection Group, Inc.
 Pavelka, J., Associate Professor, Physical Education and Recreation Studies, Mount Royal University
 Pawlikowska, A., Student
 Reynolds, J., Coordinator, Ecotourism and Outdoor Leadership Program, Medicine Hat College

Bachelor of Applied Interior Design

Davidson, A., Cardel Homes
 Ellis, S., Contemporary Office Interiors
 Evans Warren, H., Chair, Department of Interior Design & Art History, Mount Royal University
 Gunn, M., Sizeland Evans Interior Design Inc.
 Jordanov, B., Labbe-Leech Interiors Ltd.
 Keshen, J., Dean, Faculty of Arts
 Niddrie, W., Cambium Woodworks 2005 Ltd.
 Petit, S., Shaw Contract
 Ward, S., Interior Design Alumni Chapter President, Mckinley Burkhardt
 Young, C., ce de ce inc.
 TBA, First year student representative
 TBA, Second year student representative
 TBA, Third year student representative

Bachelor of Applied Science – Environmental Science

Bannister, K., Energy Resources Conservation Board
 Cathro R., Work Experience Coordinator, Environmental Science, Mount Royal University
 Drinkwater, J., BP Canada Energy Group ULC
 Goldberg, J., Dean of Science and Technology, Mount Royal University
 Jones, G., EHS Partnerships Ltd.
 Linehan, J., Suncor Energy Inc.
 Lye, D., Encana
 MacDonald, S., Clean Calgary Association
 MacMichael, C., Stantec
 Perra, T., TransCanada
 Raina, B., Husky Energy
 Reid, P., Matrix Solutions Inc.
 Sbar, P., Talisman Energy Inc.
 Snow, P., Husky Energy
 Saint-Fort, R., Chair, Department of Environmental Science, Mount Royal University
 Sevvick, B., Advisor, Environmental Science, Mount Royal University
 Taylor, T., Priddis Environmental Solutions Ltd.
 Woo-Paw, T., Calgary Mackay

Bachelor of Arts – Criminal Justice

Briegel, M., Child & Youth Studies
 Chisolm, G., Manager, Training Unit-Security Services, Solicitor General of Alberta
 Diamond, C., Prison Support Coordinator, Elizabeth Fry Society of Canada
 Hanly, M., Warden, Drumheller Institution
 Redwood, K., Co-Executive Director, Pathways CSA
 Skelton, C., Staff Sergeant-Recruiting, Calgary Police Service
 Whitelaw, B., Inspector, Calgary Police Service
 Young, S., Chief Probation Officer - Calgary

Bachelor of Business

Administration – Accounting

Bandura, M., FCGA, David Aplin Group
 Dafoe, V., CMA, VP ARC Resources Ltd.
 Davé, R., Co-operative Education Coordinator, Mount Royal University
 Jeffrey, L., Student, BASS President, Mount Royal University
 Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University
 MacDonald, R., CA, Ernst & Young
 MacPherson, D., Associate Professor, Bissett School of Business, Mount Royal University
 Mallory, D., CA, President, CEO, BLZ Energy
 Olexyn, T., CMA, Director, ConocoPhillips
 Shelton, S., CMA, Assistant Director, Canada Revenue Agency
 Smistad, R., Chair, Bissett School of Business, Mount Royal University
 Spyker, C., Associate Professor, Bissett School of Business, MRU
 Stein, T., CMA, FCMA, CRRP, Pekarsky Stein
 Sunderji, N., CMA, Finance Manager, City of Calgary
 Wesley, L., CA, KPMG, LLP
 Young, M., Dean, Bissett School of Business, Mount Royal University

Bachelor of Business

Administration – Financial Services

Biddell, G., BMO Investments Inc.
 Bristow, T., Western Financial Group
 Callbeck, K., Insurance Institute of Southern Alberta
 Chow, M., Alumni Representative, TD Bank
 Daumler, R., Investors Group
 Fischer, J., Chair, Bissett School of Business, Mount Royal University
 Galbraith, M., CIBC
 Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University
 Koberstein, V., Co-operative Education Coordinator, Mount Royal University
 Pallas, M., Investment Industry Regulatory Organization of Canada
 Roy-Heaton, C., Assistant Professor, Bissett School of Business, Mount Royal University
 Ryan, R., Tuffrisk
 Semper, E., TD Canada Trust
 Sharman, A., Boyden Global Executive Search
 Smith, C., Student, Mount Royal University
 Smith, D., ATB Financial
 Tharani, T., Scotiabank
 Wong Bailey, R., Freedom 55 Financial
 Young, M., Dean, Bissett School of Business, Mount Royal University

Bachelor of Business

Administration – Human Resources

Chadwick, D., Leverage Point
 Cook, C., Assistant Professor, Bissett School of Business
 Corbett, P., Cenera
 Cutts, E., ATCO Power
 Hansen-Somers, L., HRAC
 Harder, K., Student Rep, Bissett School of Business, Mount Royal University
 Jackson, L., EFW Radiology
 Kanji, A., Student Rep, Bissett School of Business, Mount Royal University
 Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University
 Koop, J., Trinidad Drilling Ltd.
 MacPherson, J., HRIA
 MacPherson, M., Alumni Representative & Enbridge Inc.
 Merrick, C., Pace Oil & Gas Ltd.
 Mullback, G., WestJet
 Peacock, M., Associate Professor, Bissett School of Business
 Roberts, K., Student Rep, Bissett School of Business, Mount Royal University
 Saddington- Durston, K., Graycon Group, Ltd.

Smith, W., Co-operative Education Coordinator, Mount Royal University

Thomas, W., Alliance Pipeline
 Varella, P., Chair, Bissett School of Business, Mount Royal University
 Young, M., Dean, Bissett School of Business, Mount Royal University

Bachelor of Business

Administration – Marketing

Bogner, K., The Core
 Bucher, R., Right Management Consultants
 Button, J., EvansHunt
 Chow, C., Student Rep, Bissett School of Business, Mount Royal University
 Cressman, S., LPi Communications Group
 Derbyshire, P., Associate Professor, Bissett School of Business
 El Hazzouri, M., Assistant Professor, Bissett School of Business
 Evans Greebe, D., Entero Corp.
 Ferguson, G., Suncor
 Finch, D., Assistant Professor, Bissett School of Business, Mount Royal University
 Hnatiuk, K., Peritus Communications
 Houston, C., Alberta Enterprise
 Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University
 Kneeland, C., Cult
 Lawrence, S., Sparkle
 Lazdowski, D., Associate Professor, Bissett School of Business
 Massie, T., Student Rep, Bissett School of Business, Mount Royal University
 McAtee, J., Calgary Chamber of Commerce
 McIntosh, C., Suncor
 McIntyre, S., Chaordix
 Miller, B., Cooperative Education Coordinator, Mount Royal University
 Milulski, A., Bio Alberta
 Moran, M., Calgary Economic Development
 Morihira, K., KPMG Management Services, LP
 Neufeld, C., Student Rep, Bissett School of Business, Mount Royal University
 Pente, C., Student Rep, Bissett School of Business, Mount Royal University
 Pestun, S., ATB Financial
 Peters, C., Co-operative Education Coordinator, Mount Royal University
 Sterenberg, C., Contract Faculty, Bissett School of Business, Mount Royal University

Stretch, L., National PR

Sydoryk, T., Psyko Audio Labs

Thrasher, K., President, Selling Success Inc.
 Varella, P., Chair, Bissett School of Business, Mount Royal University

Walker, D., Channel Strategy
 Williamson, J., Marketing & Communication, Mount Royal University

Woodley, R., Voodoo

Youra, N., Student Rep, Bissett School of Business, Mount Royal University

Young, M., Dean, Bissett School of Business, Mount Royal University

Youngberg, K., LPi Group

Bachelor of Business

Administration – Risk Management & Insurance

Bevan-Stewart, L.
 Champ, A., Intact Insurance
 Dahlgren, J. L., Jardine Lloyd Thompson Canada, Inc.
 Fischer, J., Chair, Bissett School of Business, Mount Royal University
 Johnson, D., Meloche Monnex
 Johnson, K., Alumni Representative, Mount Royal University
 Kinnear, V., Associate Dean, Bissett School of Business, Mount Royal University
 Koberstein, V., Work Experience Coordinator, Mount Royal University
 Mulhall, P., AMA Insurance
 Nobbee, A., Alpine Insurance, Alumni Representative
 Nobbee, C., Intact Insurance
 Robertson, M., Nexen Inc.
 Sager, K., Intact Insurance
 Sayer, C., Dominion Insurance
 Silovs, J., Assistant Professor, Bissett School of Business, Mount Royal University
 Sinclair, J., Ambassador
 Soo-Durnie, C., The Cooperators
 Young, M., Dean, Bissett School of Business, Mount Royal University

Bachelor of Business Administration – Supply Chain Management

Bon Bernard, K., Syncrude
Faure, M., Canadian Pacific Logistics Solutions
Fischer, J., Chair, Bissett School of Business,
Mount Royal University
Fleming, B., Associate Professor, Bissett School
of Business, Mount Royal University
Fridfinnson, T., Bison Transport
Gall, C., Calfrac Well Services
Hanley, H., Work Experience Coordinator, Mount
Royal University
Hessels, A., Suncor Energy
Jacobson, J., ENMAX Corp.
Kelly, J., SCM
Kenworthy, J., LSCM Student Society President
Kinnear, V., Associate Dean, Bissett School of
Business, Mount Royal University
Maitland, T., Bantrel Co.
Marden, A., City of Calgary
Plechkov, D., Alumni Representative
Ritch, D., Sears Canada
Ryan, J., H & R Transport
Slemko, K., Ernst & Young
Townes, S., Loblaw's Companies Ltd.
Wallis, P., The Van Horne Institute
Young, M., Dean, Bissett School of Business,
Mount Royal University

Bachelor of Communication – Information Design

Brown, L., Business Performance Specialist,
Canadian Pacific Railway
Channey, J., Senior Technical Documentation
Specialist, Computer Modelling Group
Minja, N., Director of Administration and
Communication Dialog, Alberta Association
of Architects
Robertson, D., Principal Consultant,
ThoughtWorks Canada
Seidlitz, L., Editors Association of Canada
Shaw, K., Creative Group Manager, Critical
Mass

Bachelor of Communication – Journalism

Barlow, J., Editor, Okotoks Western Wheel
Breakenridge, D., Editor, Calgary Sun
Fulmes, M., News Director, Global Edmonton
Henderson, H., Deputy Regional Director, CBC
Radio
Motley, L., Editor in Chief, Calgary Herald
Pietrus, M., Director of Communications, Mental
Health Commission of Canada
Steward, G., Freelance Journalist

Bachelor of Communication – Public Relations

Bennetto, R., Vice-President Investor Relations,
Great Panther Silver Corp (Chair)
Hammond, P., Senior Communication Advisor,
Mental Health Commission of Canada
Killingsworth, C., Principal, CK Communications
Canada Corporation
Larsen, J., Principal, Corpen Group Inc.
McVean, S., President, McVean Communication
Inc.
Mounce, G., Communications Advisor, Western
Canada Major Projects
Taylor, R., Communications Officer, National
Energy Board

Bachelor of Computer Information Systems

Bjarnason, S., Director, Product Development
Software SMART Technologies
Fink, Carol K., Director, Strategic Growth and
Change Growth Spurtz Inc.
Ghelfi, H., President, CIS Alumni Chapter, Mount
Royal University
Gillis, D., Regional Vice President-Calgary, CGI
Goldberg, J., Dean, Faculty of Science &
Technology, Mount Royal University
Gruber, M., Student, BCIS Student
Representative
Hoar, R., Department Chair, Department of
Computer Science and Information Systems,
Mount Royal University
Kvemshagen, F., Global IT Corporate Business,
Systems Leader, Talisman Energy
Moore, L., Committee Chair, Director, IT,
TransCanada
Paton, M., Manager, Information Services Ensign
Energy Services Inc.
Perez, O., Project Manager, Long View Systems
Pittman R., Project Manager, Urban Lighthouse
Inc.
Reed-Fenske, H., Manager, eGovernment &
Information Management, The City of
Calgary
Reinbold, D., Director, Information Services
Plains Midstream Canada

Robarts, J., Ethier Associates

Peterson, M., Work Experience Coordinator
- BCIS, Career Services, Mount Royal
University

Tibbel-Mosher, T., Executive Director Program
Governance Office, Corporate Merger & IT
Alberta Health Services

Topic, J., VP Corporate Services & CIO, Trimac
Transportation

Valladares M., H., Chair - Entrepreneurship,
International Business, Aviation and
Nonprofit Studies, Mount Royal University

Wagner, N., IT Consulting

Young, M., Dean, Bissett School of Business
Mount Royal University

Bachelor of Nursing

Brisebois Blouin, L., Director - Central
Community & Rural Facilities, Alberta Health
Services

Brownell, C., Assistant Chair, Department of
Nursing

Johnson, B., Calgary/ West Region, College and
Association of Registered Nurses of Alberta

Judd, L., Chair, Department of Nursing, Mount
Royal University

Levy, M., System Principal Corporate
Partnerships, Calgary Board of Education

McGeary, K., Manager, Home Care, Alberta
Health Services

Miller, J., Public Representative

Nordstrom, P., Director, School of Nursing,
Mount Royal University

Siudy, T., Clinical Nurse Educator, Alberta Health
Services

Sveinson-Spencer, D., Mount Royal University
BN Alumnus

Vocong, D., Coordinator, Clinical Placements,
School of Nursing, Mount Royal University

White-Prosser, C., Community and Health
Studies, Faculty of Continuing Education and
Extension, Mount Royal University

Zelmer, J., Practice Education Consultant in the
Interprofessional Education Branch, Alberta
Health Services

Bridge to Canadian Nursing

Barkman, A., Program Coordinator, BCN Program, Mount Royal University
 Farrar, J., Deputy Registrar, CARNA
 Jenkins, K., Directions for Immigrants
 Judd, L., Chair, Department of Nursing, Mount Royal University
 Miller, J., Public Representative
 Mraz, K., Clinical Nurse Educator, CICU, Foothills Medical Centre
 Nettleton, J., Director, Education/Recruitment & Workforce Planning Strategies Covent Health
 Nordstrom, P., Director, School of Nursing, Mount Royal University
 Reyes, L., Manager, Unit 81, Foothills Medical Centre
 Runicman-Smith, L., Advisor/Instructional Assistant, BCN Program, AB South, Mount Royal University

Broadcasting

Cockton, D., Production and Resource Manager, CBC Calgary
 Daly, C., Account Manager, Corus Radio Calgary
 Dirks, D., Host, the Homestretch, CBC Radio One, CBC TV Sports
 Lewis, L., Vice President and General Manager, CTV Edmonton
 Merriman, J., Executive Vice President, White Iron Film and Video Productions
 Michaelis, N., News Operations Manager, Global Television Network
 Perry, L., Director, News and Public Affairs, CTV Calgary
 Rodgers, D., Director, Creative Services, Corus Entertainment Inc.
 Scott, N., President and General Manager, The Edge-Video for Business
 Young, J., Alberta Regional Sales Manager, Golden West Broadcasting Ltd

Child and Youth Care Counsellor

Bell, J., Student Representative
 Bergen, H., Associate Director, Enviros Wilderness School
 Hume, B., Program Coordinator, Reflections Program, Hull Child and Family Services
 Jakel, B., Student Representative
 London, C., Dean, Faculty of Health and Community Studies, Mount Royal University
 Sawdon, B., Principal, Discovering Choices School
 Smey Carston, C., Chair, Department of Child and Youth Studies, Mount Royal University
 Stillwell, J., In Home Family Support Work
 Watson, M., Student Representative

Disability Studies

Clark, M., Faculty Member, Department of Social Work and Disability Studies, Mount Royal University
 Dunn, D., Program Lead, Department of Social Work and Disability Studies, Mount Royal University
 Geake, R., Executive Director, Calgary SCOPE Society
 Gower-Foster, T., Coordinator, Society for Treatment of Autism
 Gunn, B., Executive Director, Children's Link
 Hillyard, A., Chief Executive Officer, Persons with Developmental Disabilities, Calgary Region Community Board
 Hogarth, D., Training and Development Manager, Alberta Council of Disability Services
 Johal, T., Program Manager, McMan Youth, Family and Community
 Klooster, A., Executive Director/Founder, LEAD Foundation
 Lee, J., Chief Executive Officer, Vecova Centre for Disability Services and Research
 London, C., Dean, Faculty of Health and Community Studies, Mount Royal University
 Salyers, V., Associate Dean, Faculty of Health and Community Studies, Mount Royal University
 Schuler, C., Community Development Coordinator, Canadian Paraplegic Association (Alberta) Student Representative, Disability Studies
 Tortorelli, C., Executive Manager, Calgary and Area Child and Family Services Authority
 Tyndall, K., Student Representative
 Warthe, D., Chair, Department of Social Work and Disability Studies, Mount Royal University
 Wight-Felske, A., Faculty Member, Department of Social Work and Disability Studies, Mount Royal University

Early Learning and Child Care

Clark, L., Community Coordinator, ECMAP
 Ferguson, C., Executive Director, Alberta Resource Centre for Quality Enhancement
 Gallant, A., Supervisor, YWCA of Calgary
 Kleiter, M., Manager Provincial Programs, Child Development Branch, Alberta Children and Youth Services
 Loader, A., Early Learning and Child Care Team Leader, Richmond MST
 London, C., Dean, Faculty of Health and Community Studies, Mount Royal University
 Reib, S., Executive Director, Churchill Park, Family Care Society
 Reid, W., Accreditation Manager, Alberta Association for the Accreditation of Early Learning and Care Services
 Smey Carston, C., Chair, Department of Child and Youth Studies, Mount Royal University
 Szarko, T., Director, Bow Valley Child Care Centre
 Schaefer, G., Webmaster/Newsletter Editor, Preschool Teachers Association
 Valenti, M., Executive Director, Mount Royal University Child Care Centre
 Ward, N., Executive Director, Thornhill Child Care Society

Forensic Studies

Andrews, S., Assistant Chief Medical Examiner, Office of the Chief Medical Examiner

Battle, H., Manager, Calgary Sexual Assault and Domestic Violence Program, Alberta Health Services

Belliveau, M., Major Crimes, Calgary Police Service

Blackie, S., Instructor, Department of Chemical, Biological and Environmental Sciences, Mount Royal University (Ex-Officio)

Butt, J., Forensic Pathologist, Pathfinder Forum

Campbell, V., Coordinator, Family Violence Initiative, Alberta Justice

Carter-Snell, C., Coordinator/Instructor, Forensic Studies Program, Mount Royal University (Ex-Officio)

Dalby, T., Forensic Psychologist

Head, P., Medical Director, CSART, Emergency, Rockyview General Hospital, Alberta Health Services

Holmgren, J., Instructor, Justice Studies, Mount Royal University (Ex-Officio)

Llewellyn, B., Probation Officer, Alberta Solicitor General and Public Security, Community Connections

London, C., Dean, Faculty of Health and Community Studies, Mount Royal University (Ex-Officio)

MacLeod, D., Barrister and Solicitor, O'Brien Devlin Markey MacLeod

McCracken, L., Alumni Representative

McLellan, H., Chair, Department of Advanced Specialty Health Studies, Mount Royal University (Ex-Officio)

Ray, J., Instructional Assistant, Department of Advanced Specialty Health Studies, Mount Royal University (Ex-Officio)

Shawa, S., Barrister and Solicitor, JSS Barristers, Chair, Forensic Studies Advisory Committee

Solinski, J., Reporting Scientist-Biology, Royal Canadian Mounted Police

Inclusive Post-Secondary Education

Adamchick, L., Executive Director, Alberta Association for Community Living

Campbell, T. and R., Family Advocate

Clark, M., Faculty Member, Department of Social Work and Disability Studies, Mount Royal University

Crabbe, S., Family Advocate

Dunn, D., Coordinator, Department of Social Work and Disability Studies, Mount Royal University

Gaspar, B. and B., Family Advocate

Gosal, B., Family Advocate

Hall, C. and J., Family Advocate

Huckell, D., Alumni

London, C., Dean, Faculty of Health and Community Studies, Mount Royal University

McDougall, L. and L., Family Advocate

Oswell, D., Family Advocate

Renaud, R., President, Rencor Developments Inc.

Salyers, V., Associate Dean, Faculty of Health and Community Studies, Mount Royal University

Saunders, K. and J., Family Advocate

Tanigami, L. and G., Parent of Alumni, Family Advocate

Warthe, D., Chair, Department of Social Work and Disability Studies

Wiebe, E., Parent of Alumni, Family Advocate

Wood, E., Parent of Alumni, Family Advocate

Music

In transition.

Social Work

Anderson, L., Manager, Child Development Services, Alberta Health Services

Cummings, E., Supervisor, YWCA of Calgary

Dean, Y., Program Coordinator, Department of Social Work and Disability Studies, Mount Royal University

Hodgson, K., Program Manager - Youth Programs, Aspen Family and Community Network

Ingham, B., Alumni. Coordinator, Berkana House Elizabeth Fry Calgary, John Howard Calgary

Johnson, B., President, Alberta College of Social Workers

London, C., Dean, Faculty of Health and Community Studies, Mount Royal University

Runnalls, D., Senior Manager, Health and Wellness, Kerby Centre

Salyers, V., Associate Dean, Faculty of Health and Community Studies, Mount Royal University Student Representative, Social Work

Turner, D., University of Calgary Research Coordinator

Warthe, D., Chair, Department of Social Work and Disability Studies, Mount Royal University

Whitmarsh, L., CEO, Kerby Centre

TBD, Iniskim Centre, Mount Royal University

TBD, University of Calgary, Faculty of Social Work

Studies in Aging

- Bowen, T. Operations Manager, Alberta Manor Village Life Centres
- Dooley, D., Manager, Kerby Centre of Excellence
- Dummer, M., Digital Lifestyles
- Hibbert, A., Interim Manager, Education and Support Programs, Alzheimer Society of Calgary
- King, J., Community Member
- Klassen, P., General Manager, Pinnacle Group
- Leong-Huxley, J., Principal, Intolla Incorporated
- London, C., Dean, Faculty of Health and Community Studies, Mount Royal University (Ex-Officio)
- Mansfield, S., Human Resources, Bethany Care Society
- McDonough, R., Seniors Services, City of Calgary
- McLellan, H., Chair, Department of Advanced Specialty Health Studies, Mount Royal University (Ex-Officio)
- Moore, D., Chief Executive Office, Canadian Home Builders' Association - Calgary Region
- Parsons, L., Area Manager, Mortgage Specialist, Bank of Montreal
- Price, S., Director, Silvera for Seniors
- Rogerson, M., Coordinator, Studies in Aging: Mount Royal University (Ex-Officio)
- Rota, C., General Manager, Whitehorn Village

Theatre Arts

In transition.

ABORIGINAL EDUCATION PROGRAM

- Big Throat, H., Red Crow Community College
- Cardinal, C., Native Student Centre, Student Association, Mount Royal University
- Crane, A., AEP Cree Instructor
- Crowshoe, C., AEP Student Representative
- Cummer, D., Aboriginal Career Practitioner, Calgary Board of Education
- Loftus, J.R., Mount Royal University Student Representative
- Tucker, C., The Native Centre, University of Calgary
- Twoyoungmen, G., Nakoda Post-Secondary
- Waterchief, L., (Chair), Old Sun Community College

FACULTY OF CONTINUING EDUCATION AND EXTENSION

Addiction Studies

- Bailey, R., Hull Child and Family Services
- Bealing, N., Calgary Alpha House Society
- Campbell, C., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Cross, T., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- McMurtry, H., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Melnik, A., Calgary Urban Project Society
- Nordstrom, S., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Scurr, L., Alberta Health Services
- Sutherland, R., Alberta Health Services
- Walton, S.
- White Prosser, C., Mount Royal University, Faculty of Continuing Education & Extension (Dean's Designate)

Behavioural Strategies

- Campbell, C., Mount Royal University, Faculty of Continuing Education & Extension (Ex-Officio Member)
- Carston, C., Mount Royal University, Faculty of Health & Community Studies (Ex-officio)
- Cross, T., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Hagan, K., Hull Child and Family Service
- Kostouros, P., Mount Royal University, Faculty of Health & Community Studies (Ex-Officio)
- Lecot, R., Canadian Mental Health Association - Calgary Region
- McMurtry, H., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Nordstrom, S., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Westwood, C., ACH Mental Health Patient Care Unit
- White Prosser, C., Mount Royal University, Faculty of Continuing Education & Extension (Dean's Designate)

Business Analysis/Business Process Management

- Armstrong, J., NovAtel Inc.
- Brisibe, E., City of Calgary
- Brunsel, C., Critical Mass
- Carolan, T., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
- Chiew, V., Axis Cogni-Solve Ltd.
- Cruz-Milette, L., Mount Royal University, Faculty of Continuing Education & Extension (Ex-Officio)
- Devani, A., Remax House of Real Estate
- Gibbons, T., Nexen Inc.
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- Lippitt, K., Compugen
- McAloney, M., NovAtel Inc.
- Mills Rush, C., Shaw Communications
- Moore, P., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
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- Rafuse, R., Corporate Oasis
- Smith, D., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)
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- Zipprick, M., Univar Canada Ltd.

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- Sutherby, L., Mount Royal University – ELCC Programs
- Valenti, M., Mount Royal University Child Care Center
- White Prosser, C., Mount Royal University, Faculty of Continuing Education & Extension (Dean's Designate)

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Chadwick, J., Calgary Board of Education

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MacKinnon, H., Calgary Catholic School Board

McGeein, V., Alberta Health Services, Collaborative Initiatives

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Nordstrom, S., Mount Royal University, Faculty of Continuing Education & Extension (Ex-Officio)

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Tortorelli, C., Calgary Area Child & Family Services

Trudeau, T., Alberta Health Services, Addiction and Mental Health

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Felesky, J., Family Justice Services

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McMurtry, H., Mount Royal University, Faculty of Continuing Education & Extension (Ex-Officio)

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Douville, G., McInnis & Holloway Funeral Homes

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Hagel, J., McInnis & Holloway Funeral Homes

Lasher, S., Fosters Garden Chapel, Committee Chair

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Root, D., Pierson's Funeral Service Ltd.

Smolyk, K., Park Memorial Ltd.

Watson, B., South Calgary Funeral Centre

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Bucher, R., Vice President Career Management Consulting, Right Management

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Jenkinson, J.

Krpan, K.

Lade, L., Birch Mountain Resources

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Smolak, T.

Speerin, P., Regional Manager of HR Western Canada, Winners Merchants International L.P.

Stone, A., CEO Women In A Home Office

Stuart, M., Human Resources Manager, MCF Housing for Seniors, Committee Chair

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Massage Therapy

Barbaree, B.

Conger, M., (Committee Chair)

Hoppe, L.

Kraft, Shane (Dr.)

Lebel, G., Mount Royal University Faculty of Continuing Education & Extension (Ex-officio Member)

MacIntyre, James (Dr.)

Mansfield, D.

Palmer, D., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio Member)

Stastny, J. (Dr.)

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Personal Fitness Trainer

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Cross, T., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)

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Joseph, A., Strive Fitness (Committee Chair)

McLaughlin, D., Alumni

Ori, E., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)

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Power-Cyr, J. (Committee Chair)

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Petroleum Land Administration

Chapman, J., Legacy Land and Titles Co. Inc.

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Cox, J.

Fisher, L.

Gill, A., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)

Godfrey, D., Northrock Resources Ltd.

Myketyn, E., Sr.

Philpott, J., Mount Royal University, Faculty of Continuing Education & Extension (Ex-Officio)

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Campbell, P., RCMP

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Gilbert, K., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)

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McMurtry, H., Mount Royal University, Faculty of Continuing Education & Extension (Ex-officio)

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Rennie, D., Communications Consultant

Rushka, L., Consultant, Momentum Communications

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McAloney, M., VP Operations & Quality Control, NovaTel Inc.

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2013 – 2014 INDEX

A

Aboriginal Education Program	157, 304
Academic Advising Services	3
Academic Appeals and Grievances	36
Academic Development Centre	47, 293
Academic Faculties	50
Academic Freedom	9
Academic Misconduct	38
Academic Program Advisory Committees	294
Academic Programs	50
Academic Regulations	34
Academic Schedule	6
Academic Semesters	34
Academic Staff	289
Academic Standing	38, 285
Academic Status	40
Accessibility Services	3
Accounting (ACCT)	165
Administrative Staff	288
Admission	12
Admission Appeals	18
Admission Categories	12
Admissions Procedures For International (Study Permit) Applicants	16
Admissions Procedures For Prospective Students	16
Admission To Mount Royal Following Academic Disqualification	18
Advanced Certificate – Physical Education – Athletic Therapy	121
Advanced Placement (AP)	18, 22
Advanced Studies in Critical Care Nursing (ACCN)	164
Advanced Studies In Perinatal And Neonatal Nursing (ASPN)	174
Air Flight Training (AIRF)	168
Alberta Transfer Guide	51
Alumni	3
Alumni Relations	9
Anthropology (ANTH)	170
Application Fee	30
Application Timelines	15
Application to Graduate	42
Applied Communications (ACOM)	166
Applied Justice (AJUS)	169
Astronomy (ASTR)	175
Attendance Policy	34
Audit Student Fee	30
Audit Students	24

B

Bachelor of Applied Business & Entrepreneurship – Sports and Recreation	105
Bachelor of Applied Child Studies	107
Bachelor of Applied Ecotourism and Outdoor Leadership	109
Bachelor of Applied Interior Design	66
Bachelor of Applied Science – Environmental Science	137
Bachelor of Arts in Anthropology	56
Bachelor of Arts in English	58
Bachelor of Arts in History	59
Bachelor of Arts in Policy Studies	60
Bachelor of Arts in Psychology	62
Bachelor of Arts in Sociology	63
Bachelor of Arts in Spanish	64
Bachelor of Arts – Criminal Justice	95
Bachelor of Business Administration	70
Accounting	71
Human Resources	72
Marketing	73
General Management	73
Bachelor of Communication	79
Information Design	79
Journalism	81
Public Relations	83
Bachelor of Computer Information Systems	128
Bachelor of Education – Elementary	142
Bachelor of Engineering (University Transfer)	138
Bachelor of Midwifery	98
Bachelor of Nursing	102
Bachelor of Physical Education (University Transfer)	111
Bachelor of Science	131
Cellular and Molecular Biology	134
General Science	132
Geology	135
Health Science	136
Bachelor of Science – Computer Science – (University Transfer)	139
Biochemistry (BCEM)	175
Biology (BIOL)	176
Bissett School of Business	45, 69
Blackfoot (BKFT)	176
Board of Governors	288
BookStore	3
Bridge to Canadian Nursing Program	125

C

Calendar Statement	1
Campus Card	3, 24, 31
Campus Directory	309
Campus Locations	308
Campus Maps	308
Canada Student Loans	33
Canadian Studies (CNST)	179
Cancellation Procedures	25
Career Services	3, 49
Catering and Food Services	3
Certificate – Advanced Accounting	77
Certificate – Advanced Studies in Critical Care Nursing – Critical Care Stream	122
Critical Care Nursing	123
Emergency Nursing	123
Neuroscience Nursing	123
Certificate – Business Administration Advanced Accounting	77
Human Resources	77
Marketing	77
Certificate – Early Learning and Child Care	116
Certificate – Environmental Science	140
Certificate – Forensic Studies	124
Certificate – Human Resources	77
Certificate – Journalism	87
Certificate – Marketing	77
Certificate – in Perinatal and Neonatal Nursing	124
Certificate – Studies in Aging	124
Certificate of Achievement – Bridge to Canadian Nursing	125
Certificate of Achievement in International Communication	83
Certification of Achievement – Journalism	88
Change of Program	25
Change of Registration	25
Chemistry (CHEM)	179
Child and Youth Care Counsellor	112
Child and Youth Care Counsellor (CYCC)	198
Child Care Centre	3
Child Studies (CHST)	182
Chinese (CHIN)	182
Classics (CLAS)	183
Code of Student Conduct	38
Communications (COMM)	183
Computer Science and Information Systems	128
Computer Science (COMP)	192
Confirmation of Registration	24
Continuing Education Registration	3
Convocation Fee	30
Copy Centre	309
CopyWrite and Used Books	309

Correction of Grades	32
Cougar Athletics	3
Counterfeiting and Altering	36
Course Cancellation by the University	25
Course Description Index 2013 - 2014	163
Course Waitlists	24
Credit Extension and Open Studies Course Fee	30
Credit Weight	34
Cree (CREE)	195
Criminal Justice Studies (CRJS)	195

D

Dean's Honour Roll	41
Deferred Examination	35
Deferred Final Examination Fee	30
Deferred Work	35
Determination of a Final Grade	35
Diploma – Aviation	74
Diploma – Broadcasting	85
Diploma – Child and Youth Care Counsellor	112
Diploma – Disability Studies	114
Diploma – Early Learning and Child Care	116
Diploma – Music Performance – Classical	89
Diploma – Music Performance – Jazz	89
Diploma – Social Work	118
Diploma – Theatre Arts – Performance	89
Diploma – Theatre Arts – Technical	89
Directed Readings	199
Disability Studies	114
Disability Studies (DAST)	199
Diversity and Human Rights Services	3
Division of Academic Affairs	49, 288
Division of Administrative Services	288
Division of Student Affairs and Campus Life	49, 288
Dropping/Adding a course	25
Duplicate Document Fee	30

E

Early Learning and Child Care	116
Early Learning and Child Care (ELCC)	204
eCampusAlberta	24, 286
Ecology (ECOL)	200
Economics (ECON)	200
Ecotourism and Outdoor Leadership (ETOL)	217
Education (EDUC)	202
Eligibility to Graduate	42
Engineering (ENGR)	212
English (ENGL)	205
English Language Proficiency Requirement	16
Enrolment Verification Fee (International Students)	30
Entrepreneurship (ENTR)	213
Environmental Science (ENVS)	215
Environmental Science	140
Estimate of Financial Need	33
Examination Policy	34
Exceptions to Withdrawal Deadline	25
Explanation of Fee Schedules	31

F

Faculty of Arts	45, 52
Faculty of Communication Studies	46, 78
Faculty of Continuing Education and Extension	47
Faculty of Health and Community Studies	46, 93
Faculty of Science and Technology	47, 127
Faculty of Teaching and Learning	47, 141
Fee Deferrals	30
Fee Payment Deadlines	29
Fee Refunds	30
Fees and Deposits	29
Film Studies (FILM)	218
Finance (FNCE)	220
Flight Training (FLTR)	218
Financial Aid	33
Forensic Studies (FORE)	221
Freedom of Information and Protection of Privacy Act	2
French (FREN)	222
Frequently Asked Questions	26

G

General Admission Requirements	12
General Education	144
General Education (GNED)	227
General Education Requirements	42
General Fees	31
General Graduation Requirements	42
Geography (GEOG)	223
Geology (GEOL)	225
Geophysics (GEOP)	227
German (GERM)	227
Glossary	285
Governance	288
Grade Point Average	41
Grading System	40
Graduation	34

H

Harassment or Discrimination	38
Health Education	3
Health Services	3
Health Studies (HLTH)	233
High School Matriculation Equivalents (Credit-Free)	15
Historical Milestones	8
History (HIST)	228
Home School	18
How to Pay Tuition and Mandatory Fees	29
How to Register	23
Human Resources (HRES)	235
Humanities (HUMN)	236
The Hub	309

I

Inclusive Post-Secondary Education	300
Indigenous Studies (INST)	240
Information For Students	2
Iniskim Centre	3, 45
Initial Inquiry	240
Instructional Departments	12
Insurance (INSR)	45
Interdisciplinary Studies (INTS)	240
Interior Design (INDS)	240
International Baccalaureate (IB)	18, 22
International Business (INBU)	237
International Education	3, 48
Italian (ITAL)	241

J

Japanese (JPNS)	241
-----------------	-----

L

Late Registration	24
Late Registration Fee	30
Latin American Cultures (LAST)	241
Letter of Permission	20, 43
Library	3, 49
Limitation on Examination Weighting	35
Limitations on Enrolment	17
Linguistics (LING)	241
Locker Rentals	31
Lockers	3
Logistics and Supply Chain Management (LSCM)	242

M

Management (MGMT)	248
Marketing (MKTG)	250
Mathematics (MATH)	243
Maximum Student Course Load	24
Microbiology (MIBI)	249
Midwifery (MDWF)	246
Minors	146
Mount Royal Conservatory	47
Mount Royal University: An Introduction	8
Mount Royal University Foundation	9
Mount Royal University Courses	162
Multi-Faith Chaplaincy	3
Music (MUSC)	251
Music-Private Lessons	253

N	
Name and/or Address Changes	36
Native Studies (NTST)	254
Natural Science (NTSC)	254
Non-Academic Misconduct	38
Non-Payment of Fees	30
Nonprofit Studies (NPRO)	253
Notification of Admission Status	15
Nursing (NURS)	255
O	
Office of the Registrar	3
Online Registration Instructions	27
Open Studies	14, 161
Optimal Therapies	3
P	
Parchment Replacement Fee	31
Parking Fee	31
Philosophy (PHIL)	262
Physical Education (PHED)	257
Physics (PHYS)	263
Police Information and other Background Checks	7
Policy Studies (POST)	266
Political Science (PLSC)	264
Positive Space Initiative	3
Post-Basic Certificates	122
Posting the Final Examination Timetable	35
Prerequisite Requirements	23
President's Division	288
President's Honour Roll	41
Prior Learning Assessment and Recognition (PLAR)	21
Prior Learning Assessment and Recognition Fee (PLAR)	31
Province of Alberta Assistance	33
Psychology (PSYC)	267
R	
Re-Admission Following an Interruption of Program of Studies	17
Re-Admission to the Institution	17
Recreation	3
Recreation Studies (RECR)	270
Registration Deposit/Cancellation Fee	31
Registration Deposit Fee	31
Registration Information	23
Registration Reinstatement Fee	31
Registration Troubleshooting	28
Release of Grades	36
Religious Studies (RELS)	271
Repetition of a Course	41
Residence	3
Romance Studies (ROST)	272

S	
Schedule of Fees	30
Schedule of Special Fees	32
Science (SCIE)	273
Security	3
Services for Students	3
Skills Investment Alberta Works Grant Funding	33
Social Science (SOSC)	277
Social Work (SLWK)	276
Sociology (SLGY)	273
Spanish (SPAN)	277
Special Program Fees	32
Speech (SPCH)	279
Statement of Student Rights and Responsibilities	10
Student Computer Labs and Facilities	3
Student Counselling Services	294
Student Fee Schedule	31
Student Learning Services	3
Students' Association	3
Students' Association Fees	32
Students' Association General Fee	32
Studies in Aging (SAGE)	273
T	
Table of Contents	4
Theatre Arts (THEA)	279
Theatres	309
Time Limitation	43
Transcript Fee	31
Transcripts and the Release of Information	31
Transfer Credit and PLAR	20
U	
Undergraduate Studies (UGST)	282
Universal Bus Pass Fee (U-Pass)	31
University Mandate	9
University Entrance Option	14, 159
University Transfer	51
V	
Vision	1
W	
Waitlist Information	28
Wellness Services	3
Withdrawal From a Course	25
Withdrawal From the University	25
Women's Studies (WMST)	283
Wyckham House Pharmacy	309
Wyckham House Student Centre	309

Lincoln Park Campus Directory maps

Campus Directory

All rooms have a letter and a room number:

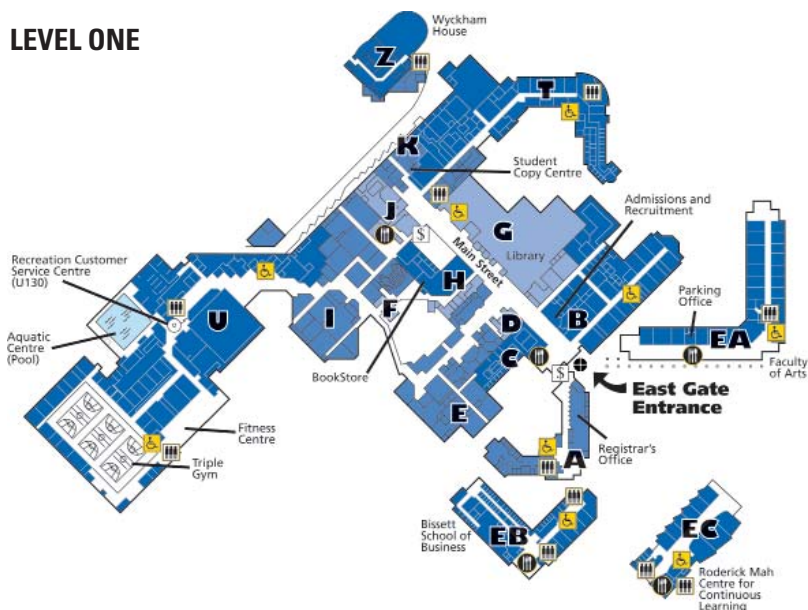
- Rooms numbered 100-199 are on Level 1
- Rooms numbered 200-299 are on Level 2
- Rooms numbered 300-399 are on Level 3

The East Gate Entrance is on Level 1.

The West Gate and Recreation Entrances are on Level 2.

For example, the Student Learning Centre in T123 is located in the T-Wing on Level 1.

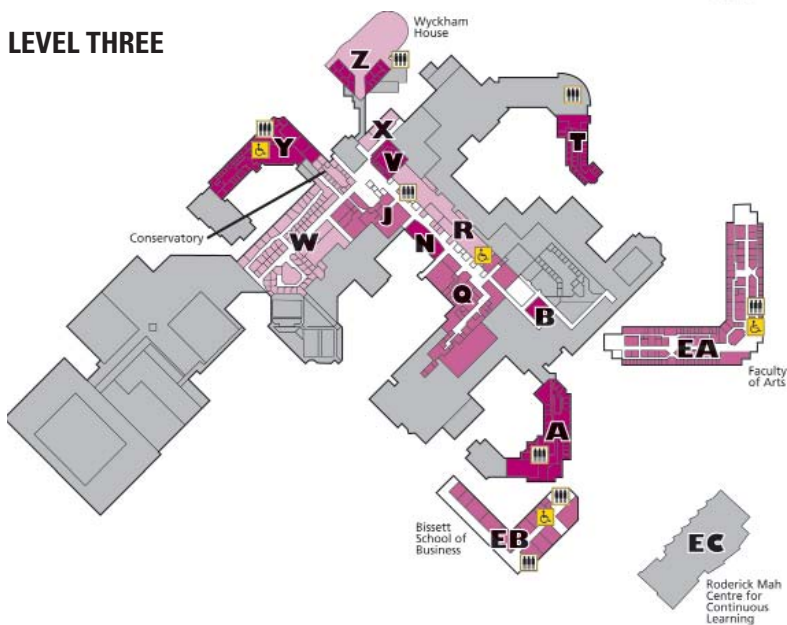
LEVEL ONE



LEVEL TWO



LEVEL THREE



CAMPUS LOCATIONS

Lincoln Park Campus

4825 Mount Royal Gate SW

Calgary, AB T3E 6K6

Phone: 403.440.6111

Mount Royal Aviation Hangar

Springbank Airport

143 MacLaurin Drive,

Springbank, AB

Phone: 403.288.9551

WestMount Corporate Campus

4838 Richard Road SW

Calgary, AB

Phone: 403.440.6111

Academic Offices

Bissett School of Business	EB2005
Conservatory	W302
Faculty of Arts	EA3109
Faculty of Communication Studies	T254
Faculty of Continuing Education and Extension	EC3100
Faculty of Health and Community Studies	Y322
Faculty of Science and Technology	B240
Faculty of Teaching and Learning	T185
International Education	EB3021

Administration

Academic Affairs	A314
Administrative Services	A318
Centre for Business Development	EC2003
Custodial/Housekeeping Services	U108
Engineering Services	X210
Facilities Planning	X210
Finance, Planning and Risk Services	A250
Foundation, The	A150
Freedom of Information and Protection of Privacy (FOIP)	A319
Human Resources	D101
Information Technology Services and Service Desk	E251
Mail Room	K105
Maintenance	U100
Mount Royal Faculty Association (MRFA)	W315
Mount Royal Support Staff Association (MRSSA)	W301
Office of Research	A322
Office of Institutional Analysis and Planning (OIAP)	A321
Payroll/Employee Services	E208
Physical Resources	X210
President's Office	A304
Receiving	I108
Sodexo Catering Services	J212
Student Affairs and Campus Life	U205
Supply Chain Services	A250
University Advancement	A150

Campus Services

Academic Advising Services	C109
Academic Development Centre	T110
Accessibility Services	Y201
Admissions and Recruitment Office	B156
Alumni Relations	F101
Bank Machines	
Recreation	U – Wing Level 2
Starbucks	East Gate, Level 1
Tim Hortons	J – Wing Level 1
Wyckham House	Z – Wing Level 2
BookStore	H100
Campus Card Services	E251
Career Services	A200
Chaplaincy	F121
Copy Centres	
Document Services	K – Wing
Copywrite, Wyckham House	Z – Wing
Cougar Athletics	U235
Dental office (Dental Choice)	Z – Wing
EnCana Wellness Centre	
Health Services Centre	U216
Optimal Therapies	U216
Student Counselling Services	U216
Enrolment Services	A101
Fees Office	A101
Iniskim Centre	C201
Library	G100
Lost and Found	X200
Media Production Services	T115
Ombudsperson	Y320G
Parking Office	EA1016
Pharmacy	Z – Wing
Recreation Office	U231
Recreation Customer Service Centre	U130
Registrar	A101
Registration (credit and non-credit programs)	A101
Residence	
East Court Office	31 Mount Royal Court
West Court Administration	Bldg B, Rm 1019
SAFEWALK	X200
Security and Public Safety	X200
Servus Credit Union	E150
Skills Investment Program	E106
START, Student Technology and Resource Tutors Program	T106
Student Awards and Financial Aid	E102
Student Learning Services	T123
Student Records and Transcripts	A101
Students' Association (SAMRU)	Z – Wing
Ticket Centre	W302

Facilities

Aerobics Studios	U130
Athletics Room	U132
Aquatic Centre (Swimming Pool)	U130
Child Care Centre	Y279
Climbing Centre	U130
Conference Services	EC1003
Conservatory	W302
EnCana Wellness Centre	U216
Fitness Centre	U130
Gymnasiums	
Stanley Gymnasium	U130
Triple Gymnasium	U130
Lincoln Park Room	J301
Running Track	U130
Squash Courts	U130
Terrace Room	J-Wing, Rm 209
Theatres	
Jenkins Theatre	I115
Leacock Theatre	S216
Moot Court	EA1031
Nickle Theatre	V200
Wright Theatre	S232
Wyatt Recital Hall	F123
University Board Room	A341
Wyckham House (Student Association Building)	Z – Wing

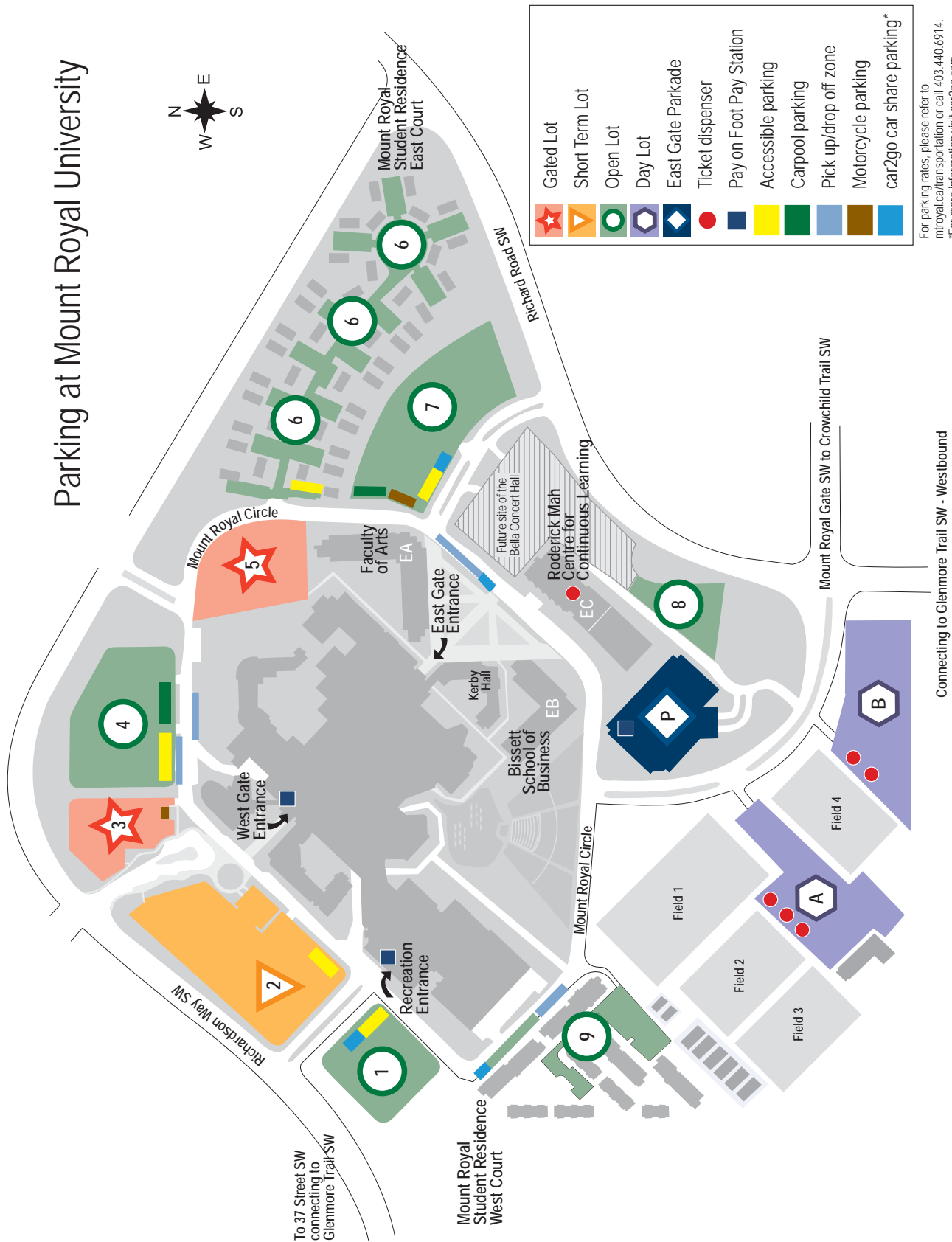
Institutes and Centres

Centre for Child Well-being	T354
Criminal Justice Research Lab	T168
Iniskim Centre	C201
Institute for Nonprofit Studies	WC 3rd Floor
Institute for Scholarship of Teaching and Learning	T186
Integrative Health Institute	U241

Food Services

Café a la Cart	EB, Level 1
C-Store	J-Wing, Level 1
East Gate Café (Starbucks)	East Gate, Level 1
Herb 'n Market	J – Wing Level 2
Jugo Juice	EA, Level 1
Mr. Sub	J-Wing, Level 1
Recreation Concession Stand	U-Wing, Level 2
EC Café	CCL, Level 1
The Hub	Z-Wing, Wyckham House
Tim Hortons	J-Wing, Level 1
Wyckham House Food Court	Z-Wing, Wyckham House

Parking at Mount Royal University



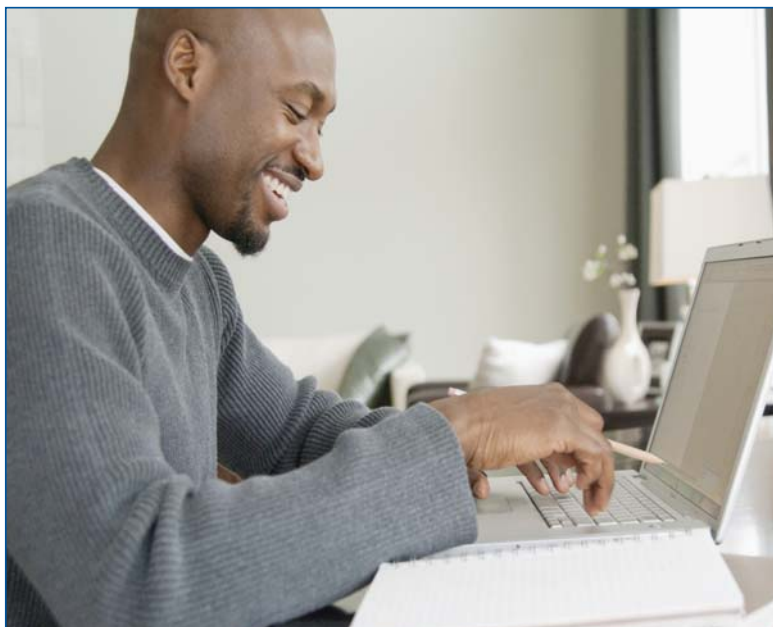
For parking rates, please refer to mroyal.ca/transportation or call 403.440.6914.
 *For more information visit car2go.com or call 1.855.454.1002.


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 Northern
Lakes
College

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POLYTECHNIC

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In every learning experience, both inside and outside of the classroom, Mount Royal helps you gain the knowledge and skills appropriate to your field of studies as well as foundational skills for lifelong learning and self-understanding. Mount Royal's learning aims prepare you to face 21st century challenges by helping you:

- » Gain intellectual and practical skills, including:
 - › inquiry and analysis
 - › critical and creative thinking
 - › written and oral communication
 - › quantitative literacy
 - › information literacy
 - › visual literacy
 - › teamwork and problem solving.
- » Experience integrative and applied learning, which enables you not only to gain knowledge and skills but to apply them to complex problems and in new settings.
- » Develop the knowledge of human cultures and the physical, natural and technological world that will help you engage with the big questions facing us, whether in the past, the present or the future.
- » Develop personal and social responsibility through active involvement with diverse communities and real world challenges.

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