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2010 - 2011

ACADEMIC  
CALENDAR

Sackville, New Brunswick, Canada

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1. Welcome to Mount Allison Uni

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Mount Allison University

ACADEMIC CALENDAR  
2010-2011

Part I: General Information and Admissions



# 1 WELCOME TO MOUNT ALLISON UNIVERSITY

When you first arrive at Mount Allison, you know this University is special. The charm is in the details. The location is beautiful. The faculty is exceptional. The students are hardworking. The traditions are rich. The history is long. The future is bright. The Mount Allison University experience is truly one of a kind.

possession of silver spoons. After entertaining their guest, the Allison  
were informe



# 2 GLOSSARY OF ACADEMIC TERMS AND CALENDAR OF EVENTS

## 2.1 DEFINITIONS

This page provides a list of commonly used academic terms f

#### Letter of Permission

An official document granting prior approval to take a course from another university for credit to a Mount Allison program

#### Major

The discipline(s) or area of specialization selected to fulfill part of the requirements for most Arts, or Science degrees

#### Minor

A secondary discipline(s) or area of specialization selected to fulfill part of the requirements for most Arts, or Science degrees

#### Performance Indicator

An indicator of a student's progress as Satisfactory (TGPA of at least 1.5) or Unsatisfactory (TGPA of less than 1.5) at the end of each academic term. This is not an academic standing and is not recorded on the transcript. An indicator of Unsatisfactory serves as a warning that a student might be in academic jeopardy if grades do not improve and academic advising should be sought.

#### Prerequisite

Many courses require knowledge of material covered in other courses to ensure that a student has the background necessary to complete the course successfully. A prerequisite states the requirement that must be completed or waived before registration in a course is permitted. This requirement may consist of one or both of the following:

- a) having a certain registration status (i.e. in a particular program or having a specified standing); or
- b) having earned credit for a course or combination of courses. Students must obtain a grade of at least C- in each course used to fulfill this requirement.

Note: A student who does not have the stated prerequisite must receive written permission from the appropriate Department Head or Program Director to waive the requirement.

#### Registration

The process of choosing, enrolling in and paying fees for courses taken in an academic session

#### Session Grade Point Average (SGPA)

An average calculated by dividing the total number of grade points obtained (credit hours x grade points) by the number of credit hours attempted during the academic session

#### Term Grade Point Average (TGPA)

An average calculated by dividing the total number of grade points obtained (credit hours x grade points) by the number of credit hours attempted during the academic term

#### Transcript

An official document that lists the entire academic record of a student at an educational institution

#### Transfer Credit

Credit granted on a degree and/or certificate for work completed at another recognized institution. Transfer credits are not used in calculation of any Gr

## 2.2 CALENDAR OF EVENTS 2010-2011

May 3	Monday	Spring/Summer Term courses begin (Continuous Learning)
May 7	Friday	Last day for change in registration for Spring/Summer term courses
May 10	Monday	Last day to make fee payment without penalty for Spring/Summer term courses (excluding correspondence courses)
May 14	Friday	Registration Deposit Due for Fall/Winter terms - new students
May 17	Monday	2010 Convocation. Spring term classes continue as scheduled.
May 24	Monday	Victoria Day - no classes
May 28	Friday	End of withdrawal period for Spring/Summer term courses (excluding correspondence courses)

Apr. 11	Monday	Final exam period begins
Apr. 21	Thursday	Last day for exams. Correspondence exams will be written on this date
Apr. 22	Friday	Good Friday
May 12	Thursday	Meeting of Faculty Council (morning)
Mh	Thursday	Meeting of Senate (afternoon)

## 2.3 PROVISIONAL CALENDAR OF EVENTS 2011-2012 (SUBJECT TO CHANGE)

May 2	Monday	Spring/Summer term courses begin (Continuous Learning)
May 6	Friday	Last day for change in registration for Spring/Summer term courses Last day to make fee payment without pe

Apr. 5      Thursday      Deadline for returning students to  
apply to transfer to B.A., B.Sc. or  
B.Comm programs  
Good Friday

# 3 ADMISSION

## 3.1 CONTACT INFORMATION

All correspondence regarding admission should be submitted to the Registrar's Office, Mount Allison University, 62 York St., Sa

Bachelor of Commerce: University preparatory English and science preparatory Mathematics are required and it is strongly recommended that university preparatory courses in the Humanities, Mathematics, Sciences and the Social Sciences be completed.

### 3.4.3 Provincial Guidelines

Students are advised of the following provincial guidelines for admission, including the above program-specific requirements:

British Columbia, Yukon: Four provincially-examinable grade 12-level subjects

Alberta, Northwest Territories, Nunavut: Four academic 30- or 31-level subjects of which at least four are departmentally examinable

Saskatchewan: Five academic 30-level subjects

Manitoba: Five academic 40- or 41-level or 45-level subjects

Ontario: Five academic grade 12-level subjects, a combination of U and M courses

Quebec: Five academic grade 12-level subjects, or Grade 11 and one 449 580.N



assesses prospective students' needs and offers programs of varying lengths as necessary. An advantage to such students of the partnership with the ILI is that Mount Allison is able to grant conditional admission, which enables students to begin their visa application processes before completion of the ILI program. For more information on the ILI, please refer to <[www.mta.ca](http://www.mta.ca)> and <[www.ili.ca](http://www.ili.ca)>

### 3.8 MATURE STUDENTS

Mount Allison recognizes that students come to us through many different paths and, consequently, with many different experiences. Individuals who will be 22 years of age or older prior to the first day of classes of the term in which admission is sought may be considered for admission as a mature student. A mature student should apply as a full or part-time student and include with his/her application a letter of intent, an updated resumé, and a copy of his/her high school transcript. A letter of intent should state both personal and career goals which detail the reasons for applying to the university. The resumé should document recent work and volunteer experience.

Applicants who have attempted fewer than 18 credits or equivalent of transferable post-secondary level courses may also be eligible for admission as a mature student. If a student has undertaken study at any other university or recognized post-secondary institution please have the institution send an official transcript directly to the Admissions Office.

The Admissions Office reserves the right to refer any cases to the Admissions and Re-admissions Committee for special consideration.

### 3.9 ADMISSION WITH ADVANCED STANDING

Students applying for admission with advanced standing must provide official transcripts for the applicable program or post-secondary institution, within one year of admission to Mount Allison to be eligible for transfer credits to be recognized and count toward a degree from Mount Allison.

#### 3.9.1 International Baccalaureate

The University grants up to 18 credits on a 120-credit degree program for higher level International Baccalaureate subjects completed with  
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### 3.14 GRADUATE STUDIES

For Admission requirements to the Master of Science program please see the Master of Science program outline in the Academic Programs section 12.4.

# 4 FEES

## 4.1.4 A

The following sections deal with fees, refunds and related matters. Students should read the sections that apply to their situations. Please contact us through the Registrar's Office if you have any questions. Please note that in the event of any conflict between this section and any other section of the Calendar concerning fees or their calculation, this section will apply.

Please note that Mount Allison University does not accept responsibility for any loss, damage, or interruption of classes, accommodation or meal service as a result of circumstances beyond the reasonable control of the University.

## 4.1 FEES AND EXPENSES

### 4.1.1 Full-time/Part-time Enrolment - Fall and Winter terms

For fee administration purposes students enrolled in nine or more credits in the Fall or Winter terms, including credits for Continuous Learning courses, are full-time for that term provided they are registered in at least two on-campus courses. All other students are part-time for fee administration purposes for that term.

Tuition for students in the Bachelor of Science (Aviation) program are set separately. Students in that program should contact the Registrar's Office for tuition amounts and deadlines.

### 4.1.2 Tuition Fees

Tuition fees for the following year are finalized in May and will then be posted on the Registrar's Office web page. Inquiries should be directed to the Registrar's Office.

The following are the 2010/2011 tuition fees.

#### Full-Time Students

Undergraduate Tuition - Canadian	\$6,720.00
Undergraduate Tuition - Non-Canadian	\$14,110.00
Graduate students - first year	\$500.00
Graduate students - subsequent year	\$250.00

Students who are full-time for a term will pay half of these fees for that term.

#### Part-Time Students

per six credit course - Canadian	\$1,344.00
per three credit course - Canadian	\$672.00
per six credit course - Non-Canadian	\$2,822.00
per three credit course - Non-Canadian	\$1,411.00

### 4.1.3 Overload Fees for Full-Time Students

Full-time students who have permission to take course overloads (see Academic Regulations) may take up to 18 credits per term without being charged additional tuition. However, students taking more than 15 credits in a term will be charged additional tuition fees if any of their credits are for Continuous Learning courses. All full-time students will be charged additional tuition fees for credits over 18 in a term and for any auditing fees for credits over 18 in a term.

#### 4.1.8 Fieldwork and Travel: Expenses and Liability

Travel expenses incurred during the course of field work (e.g. accommodation, trav



## In-Coming Exchange Students

In-coming exchange students who will be staying in Mount Allison residences should contact the Reg

### 4.5.3 Withdrawals - Spring Term Courses

Refunds are calculated from the date that written, faxed or e-mailed notification of withdrawal is received by the Registrar's Office.

There will be no fee charged for 3 credit cour







Marguerite Deinstadt Scholarship  
L.G. DesBrisay Scholarship  
C.F. Dixon Scholarship  
Ellen Annette Driscoll Scholarship  
Ebbutt Memorial Trust Scholarship  
Lavinia Estabrooks Scholarship  
Faculty Scholarship  
J. Archie Fleming Scholarship  
William Thomas Ross Flemington Scholarship  
Fluhman Scholarship  
Ronald and Frances Ford Family Scholarship  
Fred S. Fountain Scholarship  
Vivienne Fowler Scholarship in Music  
Jeff 'Skip' Fraser, Memorial Scholarship  
Joe Fraser '44 Memorial Scholarship  
Gairdner Scholarship  
F.W. and H.R. George Scholarship  
Golden Jubilee Scholarship  
Dr. L.A. Goodridge Scholarship  
Gwen Gosnell Scholarship  
Anna Gough Scholarship  
Graduating Organ Student Scholarship  
H. Spencley Hamer Scholarship  
Eileen Hesler Scholarship  
Margaret Hesler Scholarship  
Leta G. Hill Memorial Scholarship  
Wallace and Rosena Hill Scholarship  
Marguerite Hubbard Charitable Foundation Music Scholarship  
Sidney W. Hunton Scholarship  
Imbeault/NB Hockey Central Midget Hockey League Scholarship  
Imbeault Family Foundation/Imvescor/Pizza Delight Award  
Mary Margaret (Peggy Mackenzie) Irvine Scholarship  
R.A. Jodrey Scholarship  
Allison Hartz Johnson Scholarship  
Ron Joyce Scholarship  
J. James Keith Scholarship  
Khaki Scholarship  
James A. Killam Scholarship  
Killam American Fund Scholarship  
Lesmere F. Kirkpatrick Scholarship  
Karl and Judy Larsen Scholarship  
Professor Patricia Lee Music Scholarship  
Donald Corbel LeQuesne Scholarship  
Jeannie Forbes Leslie Memorial Scholarship  
R.W. and Ruth Lister Scholarship  
Myrtle Lockerby Scholarship in M

## 5.2 BURSARIES

The Mount Allison bursary program provides assistance to full-time and part-time students who demonstrate financial need and who have exhausted all other avenues of support. Prior to applying for a Mount Allison bursary, applicants should apply to their province or country of residence for financial aid. Bursaries are awarded on the basis of financial need to students who have made satisfactory academic progress. Students needing assistance are encouraged to obtain an application form early in the term. Application forms are found on the Registrar's Office web page.

### 5.2.1

Terrance C. Lockwood Bursary  
 David McArel MacAulay Award  
 Allan MacBeth Bursary  
 Margaret Jean MacCallum Bursary  
 Elaine and Scott MacDonald Bursary  
 Stanley H. MacDonald Bursary  
 Christine MacInnis Memorial Bursary  
 Iver MacIver Bursary  
 Julia MacLauchlan and Warren MacKenzie Bursary  
 Adele MacLennan Bursary  
 Jean Manuel Memorial Bursary  
 Henri and Jeannette Margotte Bursary  
 Ralph Marshall Bursary  
 Mature Student Bursary  
 A.R. McClellan Bursary  
 Ian McConnell Bursary  
 Evans McKeil Family Bursary  
 J. William McLaggan Bursary  
 Mount Allison Bursary  
 Mount Allison Staff Association Bursary  
 W.O. Lloyd Allison Munson Award  
 Music Department Bursary  
 Robert M. Ogilvie Bursary  
 Doris M. Pickup Memorial Bursary  
 Muriel F. Pottle Bursary  
 Project Rebuild Bursary  
 Ivan C. Rand Bursary  
 Mel and Pauline Rice Bursary  
 Marjorie Wry Robertson Bursary  
 Sally Rodd Bursary  
 Thomas and Jean Rose Bursary  
 Sackville Business Bursary  
 Sawdon Bursary  
 Scoudouc River Bursary  
 Craig Sears Memorial Bursary  
 Arthur and Evelyn Simpkins Bursary  
 J. Wesley Smith Bursary  
 R.L. and M.L. Stalling Bursary  
 Harriett Starr Stewart Bursary  
 Robert Summerby-Murray Travel Bursary  
 Rodger Taylor Bursary  
 TD Bank Financial Group Bursary  
 E. Margaret (Jewett) Underwood Bursary  
 Joseph Samuel and Cora Vallis Bursary  
 R. Sterling Walls Bursary  
 Avar Wells Bursary  
 Westmorland Bursary  
 James Wheeler Memorial Bursary  
 Rev. Arthur Whiteside Memorial Bursary  
 Windsor Foundation Football Bursary  
 WUSC Student Bursary  
 Angus Stuart Young Bursary  
 Fred Young Bursary

### 5.3 PRE-THEOLOGICAL BURSARIES

Various forms of financial assistance are available to students at Mount Allison who intend to study theology and enter some form of Christian Minist

R.P. Chapman Scholarship  
Class of '46 Summer Scholarship  
Crake Junior Research Fellowships  
Goodridge Summer Fellowships  
NBTEL Student Research Scholarship  
Petrocan Research Fellowships  
Universitas Research Fellowships

## 5.5 THE DONALD A. CAMERON STUDENT LOAN FUND

Donald A. Cameron served this University as Registrar from 1959 to 1986, following a term as Assistant Professor of Education. He obtained a B.Sc. in 1950 from Mount Allison University. In 1952-53, he held a Lord Beaverbrook Overseas Scholarship and received a Diploma in English Educational Thought and Practice from the University of London in 1953. Upon his retirement as Registrar in 1986, and in recognition of his long and distinguished service, the University established the Donald A. Cameron Student Loan Fund from which students with financial need and good academic standing might be able to obtain assistance. Interested students may apply to the Financial Aid and Awards Counsellor.

Note: See Academic Calendar Section 5.1.6 for the Scholarship Index, and Section 5.2.3 for the Bursaires I



# 6 CO-CURRICULAR LIFE

## 6.1 THE STUDENT UNION

The Student Union of M

## 6.10 ACCOMMODATION

### 6.10.1 Residences

Mount Allison is a residential university with housing facilities available for approximately 50% of the student population. Each residence is unique and provides a positive living and learning environment, which promotes a balanced university experience. All first-year students who want to live in residence are guaranteed accommodation if deposit deadlines are met.

Since 1973 the University has offered co-ed residence facilities to its students. Bennett, Bigelow, Campbell, Hunton, and W



### 6.11.3 Intramurals

The intramural p

## 6.12.6 Programs

Religious awareness and spiritual development are the concern of a variety of programs initiated by student groups, the Department of Religious Studies and the Office of the Chaplain. These may include guest lecturers, forums for dialogue on religious matters, and other special events.

## 6.13 STUDENT LIFE

### 6.13.1 The Vice-President International and Student Affairs

The Vice-President International and Student Affairs is responsible for the quality of student life, student affairs and for maintaining effective liaison with student administrative bodies, student organizations and individual students. The Vice-President oversees orientation, the campus life of students, the quality of residence life, health services, counselling services, and g ic ic

confidential. Health information can only be released with the student's written authorization.

In order to promote and enhance students' good health and well-being, the Registered Nurse/Educator co-ordinates health care services of Mount Allison students, by triaging their individual needs. A Family Physician provides limited clinic hours at the Wellness Centre. Emergencies are dealt with at the Emergency Department of the Sackville Memorial Hospital.

Also the Wellness Centre provides comprehensive health care needs of students through health promotion initiatives, health education, testing, health counselling, clinical services, and referrals, when appropriate. Please see a list of student health services available on the Mount Allison University health web page at <[www.mta.ca/health](http://www.mta.ca/health)>

### 6.14.6 Student Health Insurance

Because most students have health insurance through parental plans, the University does not have a mandatory health insurance program for Canadian students. Health insurance is mandatory for international students.

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### 6.15.3 The Meighen Centre

The Meighen Centre provides academic assistance to students currently registered at Mount Allison University who have been professionally assessed and found to have a learning disability.

Services include academic counselling, learning strategies instruction, peer tutoring, note taking, assistance with Canada Access Grant applications, instruction in use of assistive technology, access to text books in alternate format and arrangements for accommodations for writing tests and examinations when appropriate.

Students with a learning disability who are applying for admission to Mount Allison are strongly encouraged to identify themselves on the application form. As well, they should make contact with the Meighen Centre

# 7 GENERAL INFORMATION

## 7.1 THE MOUNT ALLISON UNIVERSITY LIBRARIES AND ARCHIVES

The Mount Allison University Libraries and Archives include the Ralph Pickard Bell Library, the Alfred Whitehead Music Library, and the University Archives. The libraries provide Mount Allison students and faculty with access to information around the wor

## E. RUTH COGSWELL MEMORIAL FUND

A fund established by the family and friends of Elva Ruth Cogswell (B.A. '84) in 1986. The annual income provides books related to the field of Cana

## MORTON MEMORIAL FUND

The Morton Memorial Fund was established in 1977 by Dr. Harry S. Morton, O.B.E., LL.D., F.R.C.O.G., F.R.C.S., in memory of his grandfather, The Rev. Arthur Dwight Morton, B.A., 1864, M.A., 1870, D.D., 1903, and in memory of his father, Dr. Charles Stuart Morton, M.B.M.D. (Tor.), F.A.C.S., F.R.C.S., (C) and his mother, Maie Howard Stafford, Ladies College 1900-1902. Eighty percent of the endowment inte

the Library to answer questions and provide assistance. The Computing Services Helpdesk is open weekdays to assist students and staff. Laser printing is available at several locations. The Multimedia Production Centre has several PCs and Macs with a number of digital media production software and hardware packages including video editing suites, flatbed, slide and negative scanners, digital cameras,



# 8 PERSONNEL

## 8.1 OFFICERS OF THE UNIVERSITY

### CHANCELLOR

Peter Mansbridge

### PRESIDENT AND VICE-CHANCELLOR

Robert M. Campbell

## 8.2 THE REGENTS OF MOUNT ALLISON

### EX-OFFICIO MEMBERS

Robert M. Campbell, Sackville, New Brunswick

Peter Mansbridge

### APPOINTED BY THE BOARD OF REGENTS

David Booth, McLean, Virginia

Carol Chapman, Moncton, New Brunswick

## STUDENT REPRESENTATIVES

Blair Ellis  
Erik Fraser  
Kevin Geiger  
Alanna Khattar  
Mike Kinney  
Brittany Smith

## ASSOCIATE MEMBERS

Pierre Arsenault, Director of Physical Recreation and Athletics  
Ronald G. Byrne, Vice-President International and Student Affairs  
Samual Gregg-Wallace, President, S.A.C.  
Eileen Herteis, Purdy Crawford Teaching C

Roger Calkins, B.A., M.A., Ph.D, Professor of English, Emeritus  
Robert Calvert, B.A., M.A., Associate Professor of Classics, Emeritus  
Brian Lewis Campbell, B.Sc., B.Phil., Ph.D., Professor of Sociology,  
Emeritus  
George Paul Cant, B.Sc., M.Sc., Ph.D., Associate Professor of Physics,  
Emeritus  
Geoffrey Carpenter, Dip., Lic., Associate Professor of French and  
Spanish, Emeritus  
James Grant Code, B.S., M.Mus., D.M.A., Professor of Music, Emeritus  
Mervyn Crooker, B.A., M.A., Associate Professor of Fine Arts, Emeritus  
Roland Crooks, B.A., M.A., Associate Professor of Psychology, Emeritus  
Donald Cross, B.A., M.A., Associate Professor of English, Emeritus  
William Bannerman Cunningham, B.A., M.A., Ph.D., Professor of  
Economics, Emeritus  
George DeBenedetti, B.A., M.A., Professor of Economics, Emeritus  
Peter J. Edwards, B.A., B.A., M.A., Ph.D., Professor of French, Emeritus  
Brian J. Ellard, B.Mus., M.A., Ph.D., Professor of Music, Emeritus  
Peter M. Ennals, B.A., M.A., Ph.D., Professor of Geography, Emeritus  
Alexander Boyd Fancy, B.A., M.A., Professor of French, Emeritus  
Laing Ferguson, B.Sc., Ph.D, Professor of Geology, Emeritus  
Albert Joseph Furtwangler, B.A., M.A., Ph.D., Professor of English,  
Emeritus  
Eugene Goodrich, B.A., M.A., Ph.D., Associate Professor of History,  
Emeritus  
Colin Malcolm Grant, B.A., B.D., Ph.D., Professor of Religious Studies,  
Emeritus  
Douglas Grant, B.Sc., Ph.D., Professor of Chemistry, Emeritus  
Gareth Greenslade, B.Sc. (Econ.) 0 0 1 122.28 541

## 8.9 LIBRARIANS EMERITI

Cheryl Ennals, B.A., B.L.S., Archives Cert

Margare



Naylor, Elaine, B.A. (Evergreen State); M.A., Ph.D. (York); Associate Professor and Woman's Studies Program Director

Torrance, David, B.A. (Washington and Lee), M.A. (Brown), Ph.D. (Queen's); Associate Professor and Head of the D

## Department of Political Science

Campbell, Robert M., B.A. (Trent); M.A. (Toronto); Ph.D. (London School of Economics); Professor

Devine, James, B.A., M.A., Ph.D. (McGill); Assistant Professor

Hunt, Wayne, B.A. (Laurentian); M.Sc. (Econ.) (London School of Economics); Ph.D. (Toronto); Professor

Michaelis, Lorelea, B.I.S.(Waterloo); M.A., Ph.D. (Toront

Fawcett, Catherine, B.Sc (Mount Allison); M.A.(Brock); M.SW (Dalhousie); RSW (NBASW); Student Development Counsellor  
Kusikwenyu, Danai; B.A. (Memorial); International Advisor  
Park, Heidi, B.A. (St. Thomas); B.Sc.O.T. (Queen's), Disability Services Co-ordinator  
Perkin, John, B.A., M.A. (Acadia); M.Div. (McMaster); University Chaplain  
Petlock, Melody, B.A.; Sexual Harassment Advisor  
Tudiver, Jannah, B.A. (Mount Allison); M.A. (Appalachian); Student Development Counsellor

## 8.13 DEPARTMENT OF PHYSICAL RECREATION AND ATHLETICS

Arsenault, Pierre, B.P.Ed. (New Brunswick), M.A. (Ottawa); Athletic Director  
Ball, Zach, Women's Hockey Coach  
Cooper, Barry, International Certified Coach; Men's & Women's Soccer Coach (Part-time)  
Dowling, Jocelyn, B.Sc. Human Kinetics (Univeristy of Guelph); Diploma of Sports Injury Management (Sheridan); Certified Athletic Therapist  
Hart, Al, B.P.Ed. (New Brunswick); Women's Basketball Coach (Part-time)  
Jeffrey, Kelly, B.Sc. (Dickinson, ND); M.P.Ed. (Aberdeen, SD); Football Coach  
Kennedy, Andrew, B.Sc. (Mount Allison); Women's Volleyball Coach (Part-time)  
McMillan, Bruce, B.A., B.Ed. (Mount Allison); Men's Basketball Coach (Part-time)  
Peters, John, B.A. (Mount Allison); Certificate of Marine Science Level II (Holland College); NCCP Level III; Varsity Swim Coach  
Robinson, Janet, B.P.Ed. (New Brunswick), B.Ed. (Mount Allison); Intramural, Club and Recreation Co-ordinator, Badminton Coach; Business Manager  
Seaborn, Susan, B.P.Ed., M.Sc. (Alberta); Sports Information Director





Dr. Ebbutt taught at Mount Allison University from 1947 to 1971, serving as Dean of the Faculty of Arts from 1954 to 1963. Under his leadership, a Department of Religion was estab

### 9.2.5 The Hart Almerrin Massey Chair in Philosophy

The following scholars have held the chair since establishment: Roy Balmer Liddy, B.D., Ph.D., 1915-1931; Charles Arthur Krug, M.A., B.D., 1931-1947; Clayton Amos Baxter, M.A., Ph.D., 1947-1965; and Cyril Francis Poole, B.A., M.A., Ph.D., 1965-1977; Paul Bogaard, B.A., M.A., Ph.D., 2006-2010.

### 9.2.6 The Pickard-Bell Chair in Music

This Chair was established in 1966 with a generous endowment from the estate of Winthrop Pickard Bell, B.A., M.A., Ph.D. This very substantial bequest to Mount Allison was in memory of Dr. Bell's mother, Mary Emerancy Pickard Bell, the first teacher of piano in the Conservatory of Music, 1873-1882. (In 1965 Dr. Ralph P. Bell, brother of Dr

B.A, M.A., Ph.D., Professor of English; in 1991 to John T. Macfarlane,  
B.A., M.Sc., Professor of Physics; in 1992 to B. Arthur Miller, B.A.,  
M.A., Ph.D., Professor of Mathematics and Computer Science; in 1993  
to Ross Barclay, B.Sc., M.Sc., Ph.D., Professor of Chemistry; in 1994 to  
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Mount Allison University

ACADEMIC CALENDAR  
2010-2011

Part II: Academic Regulations





## 10.2.1 Deadline for Registration Changes

Registration changes for 3 credit Fall or Winter term courses are allowed until the sec



ii) at least half of the requirements for a Major or Honours program, including all 3/4000 level credits subject to 10.6.3

iii) at least 6 credits of the requirements for a Minor.

Exceptions must be approved by an Academic Dean.

### 10.6.3 Transfer Credits at the 3/4000 Level

No more than six credits transferred at the 3/4000 level may be used to fulfill 3/4000 level requirements. Exceptions must be approved by an Academic Dean (see also regulations 10.5.1 and 10.5.2).

## 10.7 DEGREE WITH DISTINCTION REQUIREMENTS

The degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Commerce, Bachelor of Fine Arts and Bachelor of Music will be awarded with Distinction at the discretion of the Senat

Letter Grade	Descriptor	GPA Equivalent
P	Results reported on Pass/Fail basis (Special Exams, Transfer credits)	excluded from the GPA
CP	Conditional Pass - may not be used to fulfill prerequisite requirements	excluded from the GPA
Other Notations	Descriptor	GPA Equivalent
AU	Audit	excluded from the GPA
CIP	course in progress	excluded from the GPA
CTN	continuing, full year course, final grade recorded in 2nd term	
DE	Course results deferred	excluded from the GPA
	E	excluded from the GPA

be confined to a review of the mark sheets compiled by the original instructor. Students should remind themselves of the value of these items in relation to the overall course mark before determining whether it is worthwhile to apply for a re-read. The results of the re-read will normally be conveyed to the student within 30 days of receipt of the application. Students should remember that a grade can be revised upwards or downwards. A fee must be submitted with the application. If the grade is rev

to the study term commencing in September, no later than June 15.  
Application forms are available on the Registrar's Office web page.

### 10.12.7 Academic

which is subsequently plagiarized or submitted by another student as his/her own work.)

### 10.13.2 Allegations of Academic Dishonesty

- a) All allegations of academic dishonesty will be reported to the Chair of the Academic Judicial Committee.
- b) Academic dishonesty may be alleged by a course instructor, with respect to a course or courses taught by him/her. If the student admits the allegation, a sanction or sanctions will be imposed by the instructor, who will inform the Department Head, the Dean and the Chair of the Academic Judicial committee of both the charge and the sanction(s). If the student disputes the allegation, s/he OR the instructor may request that the Academic Judicial Committee hear the case. If the stude

#### 10.15.4 Extended Deadlines for Completion of Course Work

If illness or compassionate reasons prevent a student from submitting all course work by the prescribed deadlines, the Registrar (or direct delegate) and the instructor may agree to extend the deadline(s) for completion of the work for up to f

## 10.19.5 Authorized Hoods

The following hoods are authorized for holders of Mount Allison degrees:

- a) Bachelor of Arts: a hood of black stuff edged with garnet and silk and with front of loop bordered with gold silk.
- b) Bachelor of Science: a hood of black stuff edged on the inside with old gold silk.
- c) Bachelor of Music: a hood of black stuff edged on the inside with royal blue silk.
- d) Bachelor of Fine Arts: a hood of black stuff edged on the inside with green silk, and orange ornamentation.
- e) Bachelor of Commerce: a hood of black stuff edged on the inside with light grey silk.
- f) Bachelor of Teaching: a hood of black stuff edged on the inside with mauve silk.
- g) Bachelor of Education: a hood of black stuff edged on the inside with light blue silk.
- h) Bachelor of Music Education: a hood of black stuff edged on the inside with turquoise silk.
- i) Master of Arts: a hood of black silk or stuff with a full lining of garnet silk
- j) Master of Science: a hood of black silk or stuff with a full lining of old gold silk.
- k) Master of Social Work: a hood of black silk or stuff with a full lining of fuchsia silk.
- l) Master of Education: a hood of black silk or stuff with a full lining of light blue silk.
- m) Doctor of Div Tm(r st)Tj1 .37 Tm(f)Tj1 0 0 1 91.04d silkr o

Prize of the Department of Modern Languages and Literatures  
Moncton Jazz and Blues Festival Award  
John C.G. Moore Prize  
Mount Allison Conser



checking their Mount Allison email address to remain current with administrative and academic notifications.



# 11 CONTINUOUS LEARNING

The Department of

Academic Regulations. Part-time students registered in a three or six credit correspondence course may withdraw without academic penalty provided that:

- such withdrawal occurs before not more than half the normal time limit for the course has elapsed, AND
-

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Mount Allison University

ACADEMIC CALENDAR  
2010-2011

Part III: Academic Degrees, Programs and  
Courses



# 12 ACADEMIC PROGRAMS

This section provides complete ou

- c) One of the following must be completed: a Major plus a Minor; a Double Major; a General degree of three Minors; or the most specialized degree an Honours program. It is also possible for students to design a program of their own, in consultation with an Academic Dean. (See Regulations 12.2.4, 12.2.6, 12.2.7, 12.2.8, 12.2.12, and 12.2.17)

## 12.2.2 Distribution Requirements

Six credits must be earned from each of the following lists:

Arts and Letters

Drama  
English  
Fine Ar



## 12.2.11 Interdisciplinary Major

An Interdisciplinary Major co

Japanese Studies  
Women's Studies

## 12.2.19 Disciplinary

### 12.3.4 Minimum Number of Science Credits

A minimum of 72 credits in Science must be earned from the Science disciplines.

### 12.3.5 3/4000 Level Science Courses

A minimum of 30 credits in Science must be earned from the 3000 and/or 4000 level. At least 24 credits must be from Mount Allison courses.

### 12.3.6 Credits Required for a Major and Minor

The credits required for a B.Sc. include those required for a Major [see list under 12.3.16], plus the credits required for a Minor from any other program [see lists under 12.3.21 and 12.2.18]. No more than 9 credits can be counted in common between the Major and Minor. Where there are more than 9 credits of requirements in common, the credit value of the combined program will still be at least 15 credits greater than the total for the Major. The Major and Minor are recorded on the student's transcript. Although the combination o

of study. As called for in 12.3.6, this requirement can be satisfied by completing the courses specified in any one of the named Minors listed in 12.3.21 (or under 12.2.18), according to one of the options outlined in 12.3.18 through 12.3.20.

### **12.3.18 Disciplinary Minor**

A Disciplinary Minor consists of a selection of courses worth 24 credits, at least 6 credits of which must be completed at the 3000 and/or 4000 level. This type of Minor g

### 12.4.3 Time Required

- d) 27 additional Commerce elective credits, with at least 24 credits from 3/4000 level courses (see 12.5.6)
- e) Courses which satisfy the requirements of a Minor (see 12.5.7) *Note: this requirement is waived for students pursuing Honours in Economics*
- f) Elective credits with no more than 9 from Commerce courses (see 12.5.8)

### 12.5.3 Distribution Requirements

Six credits must be earned from each of the following lists:

#### Arts and Letters

- Drama
- English
- Fine Arts
- French Studies
- German Studies
- Hispanic Studies
- Japanese Studies
- Linguistics
- Music

#### Humanities

- Classics
- Canadian Studies
- Greek
- History
- Latin
- Philosophy
- Religious Studies
- Women's Studies

Note: Social Science and Science distributions are fulfilled by Bachelor of Commerce degree requirements.

### 12.5.4 3/4000 Level Courses

A minimum of 42 credits must be earned from courses at the 3000 and/or 4000 level. At least 36 credits must be from Mount Allison courses.

### 12.5.5 Commerce Degree Core Requirements

The Commerce Degree Core Requirements is 42 credits earned as follows:

credits from Commer

## 12.5.9 Honours Programs Available for the Bachelor of Commerce

Students who satisfy the requirements for an Honours program [see section 12.5.10, 12.5.11] will have achieved a Bachelor of Commerce with Honours, and will have the Honours program recorded on their transcript. Students with third y

c) Prospective students should co



the world, in the belief that the artist's domain pertains to all aspects of human endeavour.

### 12.7.2 Additional Admission Requirements

Each prospective student must meet the regular admission requirements of the University. While the course is designed so that it allows for previous training on the part of the new student, applicants must provide evidence of their suitability for work in this specialized field. Applicants are required to present a portfolio of their previous art work for assessment prior to admission to this program. Instructions for the submission of this portfolio will be sent to all applicants for admission to the program or can be found on the Fine Arts website. All p

d) participate in co

University of Otago, New Zealand  
Program Co-ordinator: Adam Christie

Phillips Universität Marburg, Germany  
Program Co-ordinator: William Lundell

Mount Allison Summer Program in India  
Program Co-ordinator: Robin Walker

Univ



# 13 PROGRAMS AND COURSES OF INSTRUCTION

This section provides alphabetically ordered descriptions of all Minor, Major and Honours programs, including those that are interdisciplinary and those that centre on one discipline, as well as course descriptions for all disciplines. The course listings by disciplines are not an indication in all instances that a separate department exists for that discipline or that all courses are offered each year.

Note: The listing of a course in the calendar is not a guarantee that the course is offered every year.

Note: Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department or Program Co-ordinator must be obtained.

## AMERICAN STUDIES

American Studies is an interdisciplinary program that seeks to help students understand the United States of America through its history, literature, geography, politics and economics. The American Studies program at Mount Allison is designed primarily for students who are interested in studying American history and literature, and who are also intrigued by broader thematic and disciplinary concerns in the intellectual apprehension of the United States.

### Interdisciplinary B.A. Programs

MINOR in American Studies is 24 credits earned as follows:

- 9 from ENGL 2701\*, 3711\*, 3721\*
- 9 from HIST 1601, 1651, 2511, 2521
- 6 from ENGL 3731\*, 3741\*, 4701\*, FINA 3061\*, GENV 2201, 2311, 3301\*, HIST 3511\*, 3521\*, 3531\*, 3561\*, 4500\*, 4510\*, 4571\*, POLS 2201\*, 3310\*, SPAN 3011

MAJOR in American Studies is 60 credits earned as follows:

- 3 from ENGL 1201
- 9 from ENGL 2701\*, 3711\*, 3721\*
- 6 from GENV 2311, 3301\*
- 9 from HIST 1601, 1651, 2511, 2521
- 3 from POLS 2201
- 30 from ECON 1001, 1011, 3501\*, ENGL 3731\*, 3741\*, 3921\*^, 3931\*^, 4701\*, 4951\*^, FINA 3061\*, GENV 2201, HIST 3511\*, 3521\*, 3531\*, 3561\*, 4500\*, 4510\*, 4571\*, 4951\*^, INLR 2301\*, 3101\*, 4301\*, MUSC 3211^, POLS 2201\*, 3310\*, RELG 2841, SOCI 3431\*, 3451\*, SPAN 3011

HONOURS in American Studies is 78 credits earned as follows:

60 credits as in the Major, plus:  
from e

a 4.307 354.086 1 106.863 117.762 Tm(MUSC 3210 00 ,v11 068.822 Tm

## ANTHROPOLOGY

Anthropology is the study of humans across space and time. It is essentially cross cultural, and attempts to understand the way of life of other peoples across the world, how they have attempted to solve pan human problems, food, shelter, and repopulation; and what worlds of meaning and explanation they have created. It is a comparative discipline seeking similarities and differences between societies and environments. Its study leads to a heightened awareness of the importance of culture and a sensitivity to cultural differences.

### Disciplinary B.A. Programs

MINOR in Anthropology is 24 credits earned as follows:

- 3 from ANTH 1011
- 3 from Social Sciences at the 1/2000 level
- 6 from Anthropology at the 2000 level
- 6 from ANTH 3021, 3031, 3311, 3801, 3821, 3831, 3841, 3851, 3861, 3871, 4021, 4311
- 6 from Anthropology at the 3/4000 level, chosen in consultation with the Program Advisor

MAJOR in Anthropology is 60 credits earned as follows:

- 3 from ANTH 1011
- 3 from Social Sciences at the 1/2000 level
- 6 from Anthropology at the 2000 level
- 9 from ANTH 3021, 3031, 3311
- 6 from ANTH 3801, 3821, 3831, 3841, 3851, 3861, 3871
- 9 from Anthropology at the 3/4000 level
- 6 from Anthropology at the 4000 level
- 18 credits from complementary courses in Social Sciences, Humanities, Arts and Letters, chosen in consultation with the Program Advisor

HONOURS in Anthropology (Thesis Option) is 66 credits earned as follows:

- 42 credits as in the first seven lines of the Major, plus:
- 3 additional credits from ANTH 4021, 4311
- 15 from Anthropology at the 3/4000 level chosen in consultation with the Program Advisor
- 6 from ANTH 4990

HONOURS in Anthropology (Course Option) is 66 credits earned as follows:

- 42 credits as in the first seven lines of the Major, plus:
- 3 from ANTH 4021, 4311
- 21 from Anthropology at the 3/4000 level chosen in consultation with the Program Advisor

## ANTHROPOLOGY COURSES

Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.

Note: Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department Head or Program Co-ordinator must be obtained.

### ANTH 1011 (3.00 CR) INTRODUCTION TO ANTHROPOLOGY

The course is designed to introduce students to the major fields of anthropology (physical, archaeological, linguistic and cultural) and to the major domains of cultural and social anthropology (types of society, social change, and political,ajo







ANTH 3871 (3.00 CR)

NORTH AFRICAN AND MIDDLE EASTERN ETHNOGRAPHY

Prereq: ANTH 1011 and 6 credits from 2000 level Anthropology  
courses; or permission of the D

ANTH 4951 (3.00 CR)

INDEPENDENT STUDY IN ANTHROPOLOGY

This course permits senior students, under the directio

## AVIATION

This interdisciplinary major covers basic geography and environmental science, mathematics and computer science, and physics, and upper level courses from these disciplines plus credit for aviation courses studied at Moncton Flight College.

### Entrance Requirements

- a) Each prospective student for the Major in Aviation must meet the general admissions requirements o

BIOC 1991 (3.00 CR)

SPECIAL TOPIC IN BIOCHEMISTRY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program.

(Format:

BIOC 3521 (3.00 CR)  
PROTEIN BIOCHEMISTRY  
Prereq: BIOC 2001; or pr

BIOC 4953 (3.00 CR)  
INDEPENDENT STUDY IN BIOCHEMISTRY

BIOC 4990 (6.00 CR)  
HONOURS THESIS

Coreq: BIOC 4903

Exclusion: Registration in BIOC 4990; or permission of the Program Advisor

The honours thesis is based upon a program of original student research conducted with the advice of an academic supervisor. (Format: Independent Study/Thesis) [Note 1: Consent of supervising staff member prior to registration and permission of the Program Advisor is Required.]

BIOC 4991 (3.00 CR)  
SPECIAL TOPIC IN BIOCHEMISTRY

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for BIOC 4991 more than once, provided the s31.258 Tm(r)Tj:

6 from Biology at the 3/4000 level, chosen in consultation with the Program Advisor

Note: The thesis required will involve laborato

BIOL 2401 (3.00 CR)

ANIMAL BIOLOGY

Prereq: BIOL 1001 and 1501; or permission of the Department

This course introduces students to the structure and function of major groups of invertebrate and vertebrate animals on a comparative basis by observation of both preserved and living mate



**BIOL 3111 (3.00 CR)**

**FUNCTIONAL MICROBIOLOGY**

Prereq: BIOC 2001; or permission of the Department

Exclusion: Any version of BIOL 3111 previously offered with a different title

This course emphasizes the ecophysiology of microorganisms, particularly prokaryotes, and their key roles in biogeochemical cycles. We will cover the key functional microbial groups which mediate major steps in the biogeochemical cycles, their ecological requirements and the limiting factors on their growth and activity. This will lead to discussion of the roles of microorganisms in current issues in biology and environmental science, including bio-remediation, biological control, climate change, antibiotic resistance, food processing and (re)emerging pathogens. (Format: Lecture 3 Hours, Laboratory 3 Hours)

**BIOL 3201 (3.00 CR)**

**ANIMAL PHYSIOLOGY; ADAPTATION AND ENVIRONMENT**

Prereq: BIOL 2401; or permission of the Department

This course will focus on the physiological processes underpinning a monumental step in the evolution of the vertebrates, the transition from water to land. In lectures and laboratory exercises, the respiratory, circulatory, acid-base and osmoregulatory adaptations seen in fish to humans will be examined. The integration of animal physiology with the environment will also be studied by investigating metabolism and temperature. (Format: Lecture 3 Hours, Laboratory 3 Hours)

**BIOL 3211 (3.00 CR)**

**HUMAN CELL PHYSIOLOGY**

Prereq: BIOL 1501 and third-year standing; or permission of the Department

BIOL 3411 (3.00 CR)

ICHTHYOLOGY

Prereq: BIOL 2101 and 2401; or permission of the Department

This course provides an overview of the general biology of fish-like chordates, with particular emphasis on the teleost fishes, the most diverse and abundant taxonomic group of living verte

BIOL 3711 (3.00 CR)

BIOCHEMICAL ECOLOGY

Prereq: BIOL 2101, BIOC 2001; or permission of the Biology  
Department

This course deals with the biochemistry of inter

BIOL 4111 (3.00 CR)

FIELD ECOLOGY

Prereq: BIOL 2101, 4711; or permission of the Department

This course introduces students to the basic principles of field ecology research, experimental design,

BIOL 4903 (3.00 CR)

CURRENT ADVANCES IN BIOLOGY

Coreq: BIOL 4990

A seminar course for Honours students in Biology which will critically evaluate a wide range of topics from the current literature in all branches

# CANADIAN PUBLIC POLICY

## Interdisciplinary B.A. Program

MAJOR in CANADIAN PUBLIC POLICY is 60 credits earned as follows:

- 18 from COMM 2101, 2131, 2301, COMP 1631, MATH 1111, 2311
- 27 from ECON 1001 and 1011, 2301, 2311, 3101, 3111, POLS 1001, 2101, 3101, 3111
- 6 from HIST 3431, 3441, 4420, 4440, SOCI 3521, ANTH 3851
- 9 from courses at the 3/4000 levels in Canadian Studies, Commerce, Economics, French, Geography and Environment, Political Science, Philosophy, Sociology and Anthropology, chosen in consultation with the Program Advisor

Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.

Note: Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Other

LING 3011  
MUSC 3001  
POLS 2101, 3031, 3101, 3111, 3121, 4131, 4141, 4300  
SOC 2211, 2531, 3111, 3121, 3221, 3501, 3511, 3521, 4521

**B. Arts and Literature:**

ENGL 2801, 3801, 3811, 3821, 3831, 4801  
FINA 3021, 3031  
FREN 2601, 3721, 3731, 3741, 3861  
MUSC 3001

**C. Historical Perspectives:**

ECON 3721, 4611  
ENGL 2801  
FINA 3021, 3031  
GENV 3301, 3511  
HIST 3401, 3411, 3421, 3431, 3441, 3471, 3481, 4420, 4440, 4450, 4461  
POLS 2101, 3101, 3111, 3121, 4131, 4141, 4300

**D. Social Perspectives:**

ANTH 3801, 3821, 3851  
ECON 2301, 2311, 3101, 3111, 3201, 3211, 3721, 4611, 4621  
GENV 3201, 3301, 3511  
HIST 3471, 3481, 4461  
LING 3011  
POLS 2101, 3031, 3101, 3111, 3121, 4131, 4141, 4300  
SOC 2211, 2531, 3111, 3121, 3221, 3501, 3511, 3521, 4521

**HONOURS in Canadian Studies is 72 credits earned as follows:**

- 60 credits as in the Major, plus
- 3 further from CANA 3111, 3121, 3301, 3401, 3421, 3431, 3441, 4951
- 3 credits from CANA 4901
- 6 credits from CANA 4990

Courses chosen in consultation with the Program Advisor

## **CANADIAN STUDIES COURSES**

**Note:** The listing of a course in the Calendar is not a guarantee that the course is offered every year.

**Note:** Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department Head or Program Co-ordinator must be obtained.

**CANA 1991 (3.00 CR)**

### **SPECIAL TOPIC IN CANADIAN STUDIES**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a cour

CANA 3301 (3.00 CR)

CANADIAN WOMEN: CRITICAL PERSPECTIVES

Prereq: CANA 2001 and 2011; or permission of the Pr



CANA 4991 (3.00 CR)

SPECIAL TOPIC IN CANADIAN STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by the Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for CANA 4991 more than once, provided the subject matter differs.]

Note: Additional 3/4000 level courses are needed to fulfill Calendar regulation 12.3.5

### THE CHEMISTRY HONOURS PROGRAM

Students with a special interest in Chemistry and those who, after obtaining the B.Sc. degree, wish to continue their studies at the post-graduate level, should consider following the Chemistry Honours program. The courses required for the B.Sc. Chemistry Honours degree are all listed below. The required chemistry credits are ones that provide for study of the main branches of Chemistry in some depth. The required nine credits fr

CHEM 2121 (3.00 CR)

ORGANIC CHEMISTRY II

Prereq: CHEM 2111; or permission of the Department

Exclusion: CHEM 2101, 2131, 2151

Functional group chemistry will be used to develop more sophisticated mechanistic skills. Problems in organic synthesis will be studied within a mechanistic context. An introduction to the interpretation of first order proton nmr spectra will be included. (Format: Lecture 3 Hours, Laboratory 3 Hours)

CHEM 2211 (3.00 CR)

PHYSICAL CHEMISTRY I: THERMODYNAMICS

Prereq: CHEM 1021, MATH 1121 or MATH 1131; or permission of H

CHEM 3241 (3.00 CR)

PHYSICAL CHEMISTRY III: QUANTUM CHEMISTRY

Prereq: CHEM1021, PHYS 1551, MATH 2111; or permission of the Department

Exclusion: CHEM 3211

This course is an introduction to the application of quantum mechanics to chemistry. It discusses and applies the postulates of quantum mechanics to simple physical systems (such as particle in a box, harmonic oscillator and rigid rotor), with an emphasis on using quantum mechanics to understand the electronic structure of atoms and molecules. (Format: Lecture 3 Hours, Laboratory 3 Hours)

CHEM 3251 (3.00 CR)

PHYSICAL CHEMISTRY IV: SPECTROSCOPY

Prereq: CHEM 3241; or PHYS 3821 (can also be taken as co-requisite); or permission of the Department

Application of quantum chemistry in spectroscopy will be discussed.

A survey

CHEM 4241 (3.00 CR)

PHYSICAL CHEMISTRY: COMPUTATIONAL

Prereq: CHEM 3241 or PHYS 3821; or permission of the Department

This course focuses on a basic knowledge of the methods currently used in computational chemistry. It addresses approximations involved in the application of quantum mechanics to chemical systems, and how these approximations can be systematically

CHEM 4953 (3.00 CR)  
INDEPENDENT STUDY IN CHEMISTRY

CHEM 4990 (6.00 CR)  
HONOURS THESIS

This will involve an extensive experimental or theoretical study culminating in the writing of a thesis. The research will be conducted under the supervision of a faculty member.

from complementary courses in Arts and Letters and Humanities  
(or others), chosen in consultation with the Progr

CLAS 2531 (3.00 CR)  
THE ARCHAEOLOGY OF RELIGION IN THE GREEK AND  
ROMAN WORLD  
An examination of the ev





CLAS 4950 (6.00 CR)

INDEPENDENT STUDY IN CLASSICS

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study.

(Format: I

GREK 3101 (3.00 CR)

READINGS IN GREEK POETRY

Prereq: GREK 2101; or permission of the Department

The translation and study of the work of one or more Greek poets.

(Format: Lecture 3 Hours)

GREK 3991 (3.00 CR)

SPECIAL TOPIC IN GREEK

This course either focuses on topics not covered by the current course

o

LATI 2101 (3.00 CR)

INTRODUCTORY READINGS IN LATIN LITERATURE

Prereq: LATI 2001; or permission of the Department

A reading of selected wor

# COGNITIVE SCIENCE

## Interdisciplinary B.Sc. Program

MAJOR in Cognitive Science is 66 credits earned as follows:

- 9 from PSYC 1001, 1011, 2201
  - 6 from PSYC 2101, 3111, 3201, 3211, 3101, 4101
  - 9 from COMP 1631, 1731, 2611
  - 3 from COMP 2631, 2931
  - 3 from MATH 1111
  - 6 from CHEM 1001, 1021
  - 6 from PHYS 1051, 3521
  - 6 from PSYC 2001 (or MATH 2311), 2011 (or MATH 2321)
  - 9 from PHIL 2511, 3511, 4511
  - 3 from LING 3001, 3011, PSYC 3221, 3401
- from the following, with at least 3 being at the 3000 level: COMP 3651\*, 3851, 3611\*, COMP/MATH 2211, 3531, PHIL 2611, 3221, 3231, 3631, PHY

COMM 1991 (3.00 CR)  
SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a de

COMM 3121 (3.00 CR)

**INTERMEDIATE ACCOUNTING II**

Prereq: COMM 3111; or permission of the Department

The following topics are discussed: shareholders' equity, dilutive securities, investments, and a series of special topics, including: corporate income taxes, pension costs, leases, and accounting changes and error analysis. (Format: Case Discussion/Lecture/Problem Based Learning 3 Hours)

COMM 3131 (3.00 CR)

**COST ACCOUNTING**

Prereq: COMM 2131; or permission of the Department

A study of the principles, procedures and techniques of analysis used in cost accounting. T





COMM 3991 (3.00 CR)  
SPECIAL TOPIC IN COMMERCE

This course either focuses on topics not covered by the current course offerings in a department or prog

COMM 4331 (3.00 CR)

**MANAGEMENT OF ORGANIZATIONAL CHANGE**

Prereq: COMM 3341; or permission of the Department

A study of organizational change from two perspectives: planned change and evolutionary change. In discussing planned change the focus is on the planning and implementation process for introducing innovation, restructuring, continual learning, and other types of organizational change. Topics include overcoming resistance to change and embedding the desired change. In discussing evolutionary change the focus is on the patterns of change in the cultures, structures, systems and processes in different types of organizations over extended periods of time in response to management initiatives, competitive pressures and changes in other organizational variables. (Format: Case Discussion/Lecture 3 Hours)

COMM 4341 (3.00 CR)

**BUSINESS ETHICS**

Prereq: COMM 3501 or COMM 3411, ECON 1001 and 1011; or permission of the Department

This course deals with principles and practices of business ethics, with particular reference to C

## COMPUTER SCIENCE

The study of computing ranges from hands-on applications to pure theory, and includes the analysis of algorithms, the study of computer architectures, compilers and operating systems, networks,

COMP 1731 (3.00 CR)

PROGRAMMING TECHNIQUES AND ALGORITHMS

Prereq: COMP 1631 or COMP 1711; or permission of the Department

Exclusion: COMP 1721

In the context of solving several larger problems,

**COMP 3511 (3.00 CR)**

**LINEAR PROGRAMMING**

Prereq: MATH 2221, 3 credits in Computer Science; or permission of the Department

Among the topics covered are linear and integer programming, the simplex and revised simplex methods, duality theory and sensitivity analysis, and various applications. (Format: Lecture 3 Hours) [Note 1: This course is cross-listed with MATH 3511 and may therefore count as three credits in either discipline.]

**COMP 3531 (3.00 CR)**

**SIMULATION AND MODELING**

Prereq: MATH 1111; one of MATH 2311, 3311, PSYC 2001 and 2011; 3 credits in Computer Science; or permission of the Department

An introduction to the simulation technique for studying mathematical models. Specific topics to be considered include: systems theory and system models, continuous system simulation, discrete system simulation, Monte Carlo methods, random number generators, and simulation languages. Emphasis will be placed upon computer implementation of the methods studied. (Format: Lecture 3 Hours) [Note 1: This course is cross-listed with MATH 3531 and may therefore count as three credits in either discipline.]

**COMP 3611 (3.00 CR)**

**ALGORITHM ANALYSIS**

Prereq: COMP 2631, COMP/MATH 2211; or permission of the Department

This course applies analysis and design techniques to non-numeric algorithms that act on data structures. The design of efficient algorithms leads to in-depth investigations of computational complexity such as NP-hard problems. (Format: Lecture 3 Hours)

**COMP 3651 (3.00 CR)**

**ARTIFICIAL INTELLIGENCE**

Prereq: COMP 2631, COMP/MATH 2211; or permission of the Department

This course introduces general problem solving methods associated with automated reasoning and simulated intelligence. Topics include: state space heuristic search theory, mechanical theorem proving, game playing, natural language processing, propositional logic, learning and cognitive models and expert systems. (Format: Lecture 3 Hours)

**COMP 3711 (3.00 CR)**

**PRINCIPLES OF PROGRAMMING LANGUAGES**

Prereq: COMP 2631, 2931; or permission of the Department

An introduction to the principles of design and implementation of procedural and functional programming languages; modular, object and logic programming. Topics include language syntax and processors and semantic models of data and control structures. (Format: Lecture 3 Hours)

**COMP 3721 (3.00 CR)**

**OBJECT-ORIENTED DESIGN AND METHODOLOGY**

Prereq: COMP 2631; or permission of the Department

Exclusion: COMP 2621 (Data and File Structures II), COMP 2711

Continues the introduction to object-oriented programming begun in earlier CS courses, emphasizing further development of algorithms, data structures, software engineering, and the social context of computing. (Format: Lecture 3 Hours, Laboratory 3 Hours)

**COMP 3811 (3.00 CR)**

**DATABASE SYSTEMS**

Prereq: COMP 2631, 2931, COMP/MATH 2211; or permission of the Department

An introduction to major types of database systems, and experience with at least one database model. T(e)c.17781 0 0 0 1 444.295 5657 658.258 Tm

COMP 3971 (3.00 CR)

COMPUTER ORGANIZATION AND ARCHITECTURE

Prereq: COMP 2631, 2931; or permission of the Department

This course introduces modern computer design and its relation to system architecture and program function. Topics incl

## DRAMA STUDIES

Students at Mount Allison with an interest in drama have several options open to them. In all cases, the programs are designed to provide an education in drama rather than professional training for the theatre.

### Interdisciplinary B.A. Programs

MINOR in Drama is 24 credits earned as follows:

- 15 from DRAM/ENGL 1701; DRAM 2151, 2161, 3001, 3151
- 3 from DRAM 3161, 3171, 4011
- 6 from CLAS 3201, 3211; DRAM 4951\*, 4991\*; ENGL 2211, 3211, 3311, 3431, 3551, 3561, 3611, 3621; MUSC 3201, 3271; SPAN 3321

Note: \* Drama 4951 and 4991 may be taken for credit more than once if the topic differs

MAJOR in Drama is 60 credits earned as follows:

Drama Core is 24 credits as follows:

- 3 from DRAM/ENGL 1701
- 15 from DRAM 2151, 2161, 3001, 3151, 3161
- 3 from DRAM 4011
- 3 from DRAM 3171, 4951\*, 4991\*

Note: \* DRAM 4951 and 4991 may be taken for credit more than once if the topic differs

Dramatic Liter

DRAM 2991 (3.00 CR)  
SPECIAL TOPIC IN DRAMA

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for DRAM 2991 more than once, provided the subject matter differs.]

DRAM 3001 (3.00 CR)  
DRAMATIC THEORY

Prereq: DRAM/ENGL 1701 (or DRAM/ENGL 2021); or permission of the Instructor

Exclusion: DRAM 3000

This cour



# ECONOMICS

Every society must in some wa

ECON 1011 (3.00 CR)  
PRINCIPLES OF MACROECONOMICS  
Exclusion: ECON 1000

A general introduction to the study of Economics and the nature of economic problems. Of primary concern is the determinants of the level of national income, employment, and the accompanying stabilization problems and policies. Topics also include money and banking, international trade, exchange rates, and the problems of inflation. (Format: Lecture 3 Hours, Tutorial 1 Hour)

ECON 1991 (3.00 CR)  
SPECIAL TOPIC IN ECONOMICS

**ECON 3101 (3.00 CR)**

**LAW AND ECONOMICS**

Prereq: ECON 1001 and 1011; or permission of the Department

An introduction to the economic analysis of law, the role of economics in legal debates, and the role of law in economic exchange. The course examines economic aspects of social and legal issues and policies in regional, national and international contexts. Topics may include: property, contracts, torts, environmental law, and the economics of crime and punishment. (Format: Lecture 3 Hours)

**ECON 3111 (3.00 CR)**

**HEALTH ECONOMICS**

Prereq: ECON 1001 and 1011; or permission of the Department

An introduction to economic issues in the health care system. The course examines applications of economic principles and empirical analysis to the study of health and health policies in Canadian and International contexts. Topics may include: the demand for health care, the supply of health services through health practitioners and hospitals, the economic effects of health insurance, pharmaceutical markets, economic evaluation techniques for health, health technology assessment and public policy formulation. (Format: Lecture 3 Hours)

**ECON 3201 (3.00 CR)**

**MONEY, BANKING, AND THE CANADIAN FINANCIAL SYSTEM: MICROECONOMIC PERSPECTIVES**

Prereq: ECON 1001 and 1011; or permission of the Department

This course covers microeconomic aspects of the Canadian financial system. One main focus of the course is on financial instruments, the markets in which they are traded, and the economic role that these markets play. The other main focus is on Canadian financial institutions, the activities in which they engage, and the economic roles they play. (Format: Lecture 3 Hours) [Note 1: Counts as a Commerce elective for students taking a Bachelor of Commerce or a Major or Minor in Commerce.]

**ECON 3211 (3.00 CR)**

**MONEY, BANKING, AND THE CANADIAN FINANCIAL SYSTEM: MACROECONOMIC PERSPECTIVES**

Prereq: ECON 1001 and 1011; or permission of the Department

This course covers macroeconomic aspects of the Canadian financial system. These include central banking, and the conduct and mechanics of monetary policy. The international financial system is also covered.

ECON 3601 (3.00 CR)

PRINCIPLES OF COST-BENEFIT ANALYSIS

Prereq: ECON 2001; or permission of the Department

This course examines the use of economic theory in the assessment of public sector regulations and projects. Topics include the measurement of social costs and social benefits, shadow pr

ECON 4511 (3.00 CR)

PUBLIC FINANCE: EXPENDITURES AND DEBT MANAGEMENT

Prereq: ECON 2001, 2011 and 2101; or permission of the Department

This course examines positive and normative approaches to public expenditures and debt manag

ECON 4990 (6.00 CR)  
HONOURS THESIS

A student fulfilling requirements for an Honours degree may elect to undertake a research and writing project of acceptable scope and quality under the supervision of faculty members in Economics. The student must submit a formal proposal to the Department prior to registration. (Format: Independent Study/Thesis) [Note 1: Written permission of the Department Required. Note 2: Counts as a Commerce elective for students taking a Bachelor of Commerce or a Major or Minor in Commerce.]

ECON 4991 (3.00 CR)  
SPECIAL TOPIC IN ECONOMICS

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for ECON 4991 more than once, provided the subject matter differs.]

## ENGLISH LITERATURES

The majority of students take at least one English course during their undergraduate career. While the curriculum focuses on literary study, students are encouraged to develop an appreciation for the English language that will stand them in good stead in all other fields of academic and professional endeavour. English is, in fact, a central study. The language is every student's essential instrument of understanding and expression, and the subject-matter of the literature touches on every area of human knowledge and experience. More and more, under the increasing threat in our society to the Humanities and the values they embody, the vital importance of English must be stressed. With urgent reason, English has b

## HONOURS PROGRAM

ENGL 1501 (3.00 CR)

INTRODUCTION TO POETRY

Prereq: ENGL 1201 (can be completed as co-requisite); or permission of the Department

Exclusion: ENGL 2011

This course will acquaint students with the materials of the poet's art and survey outstanding achievements in the English tradition of poetry. (Format: Lecture 3 Hours)

ENGL 1701 (3.00 CR)

INTRODUCTION TO DRAMA

Prereq: ENGL 1201 (can be completed as a co-requisite), or enrolment in the Interdisciplinary Major or Minor in Drama; or permissio



ENGL 3011 (3.00 CR)  
SURVEY OF MEDIEVAL LITERATURE  
P

ENGL 3431 (3.00 CR)

**RESTORATION AND EIGHTEENTH CENTURY DRAMA**

Prereq: Either ENGL/DRAM 1701 and 3 more English credits at the 2000 level or permission of the Department, or English/Drama 1701 and third-year standing in the Interdisciplinary Drama Program

Exclusion: ENGL 3430

This course examines the major British playwrights and dramatic forms emerging between the time of

ENGL 3621 (3.00 CR)

READING FILMS

Prereq: Six credits of English at the 2000 le

ENGL 3801 (3.00 CR)

CANADIAN LITERATURE FROM THE BEGINNINGS TO 1914

Prereq: Six credits of English at the 2000 level; or permission of the Department

Exclusion: ENGL 3810

A study of representative works of Canadian literature from the beginnings to the First World War. The development of Canadian literature from the exploration and settlement stage to Confederation and the beginnings of modernism will be presented. Works by such authors as Richardson, Moodie, Roberts, and Duncan will be examined. (Format: Lecture 3 Hours)

ENGL 3811 (3.00 CR)

CANADIAN MODERNISM

Prereq: Six credits of English at the 2000 level; or permission of the Department

Exclusion: ENGL 3820

This course will examine the developments in Modernism found in Canadian literature from 1910 to 1950. (Format: Lecture 3 Hours)

ENGL 3821 (3.00 CR)

THE CANADIAN POSTMODERN

Prereq: Six credits of English at the 2000 level; or permission of the Department

Exclusion: ENGL 3820

This course will examine the proliferating innovations in the forms and themes of Canadian literature since 1950. (Format: Lecture 3 Hours)

ENGL 3831 (3.00 CR)

ASPECTS OF CANADIAN LITERATURE

Prereq: Six credits of English at the 2000 level; or permission of the Department

Exclusion: ENGL 3810

A study of a selected aspect of Canadian literature. (Format: Lecture 3 Hours)

ENGL 3850 (6.00 CR)

CREATIVE WRITING

Prereq: Third and fourth-year standing and permission of the Department based on ac

ENGL 3991 (3.00 CR)  
SPECIAL TOPIC IN ENGLISH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being co

## ENVIRONMENTAL SCIENCE

See Geography and Environment

## ENVIRONMENTAL STUDIES

See Geography and Environment

## FINE ARTS

The teaching of art at Mount Allison University can be traced back to the opening of the Women's Academy in 1854. It has been an important part of the curriculum since that time. In 1941 Mount Allison was the first university in Canada to give a B.F.A. degree in the visual arts. Much of the Department's history was, and is, directly related to the Owens Art Gallery

Note:





**FINA 3411 (3.00 CR)**

**INTERMEDIATE SCULPTURE II**

Prereq: FINA 3401; or permission of the Department

This course investigates student initiated work, public sculpture proposals, and model making which combines and/or extends approaches from previous courses and which lead into the fourth year tutorial program. (Format: Studio)

**FINA 3501 (3.00 CR)**

**INTERMEDIATE PHOTOGRAPHY I - THE VIEW CAMERA**

Prereq: FINA 2501 and 2511; or permission of the Department

This course covers the use of medium and large format cameras in the context of landscape and studio work, through use of colour and black and white materials. (Format: Studio)

**FINA 3511 (3.00 CR)**

**INTERMEDIATE PHOTOGRAPHY II - COLOUR AND PHOTOFABRICATION**

Prereq: FINA 3501; or permission of the Department

A continuation of 3501 with colour printmaking and photo fabrication assignments. Processes covered include RA4 and Ilfochrome colour printmaking, Platinum, Cyanotype, Van Dyke and other alternate printing methods. Further exploration will include advanced view camera and studio technique. (Format: Studio)

**FINA 3601 (3.00 CR)**

**INTERMEDIATE OPEN MEDIA I**

Prereq: Completion of at least 4 of the following courses: FINA 2101, 2111, 2201, 2301, 2311, 2401, 2411, 2501, 2511; or permission of the Department

Fine Arts 3601 and 3611 will offer the opportunity to integrate various media with which the student is already familiar. They will also introduce technical skills and a conceptual framework to facilitate this investigation. Performance and installation may be components of the course. Either or both courses may be taken for credit. (Format: Studio)

**FINA 3611 (3.00 CR)**

**INTERMEDIATE OPEN MEDIA II**

Prereq: Completion of at least 4 of the following courses: FINA 2101, 2111, 2201, 2301, 2311, 2401, 2411, 2501, 2511; or permission of the Department

(Format: Studio)

**FINA 3701 (3.00 CR)**

**THIRD YEAR SEMINAR IN FINE ARTS**

A seminar course on contemporary art issues in Fine Arts, usually taught in the second term of each year. Students will lead seminar discussions on selected topics and produce research papers. The course is required of all third year B.F.A. students. (Format: Seminar) [Note 1: Open to only B.F.A. students and open to other students on a space available basis with preference given to students in the BA degree program with a Major or Minor in Art History or Fine Arts; or permission of the Department.]

**FINA 3991 (3.00 CR)**

**SPECIAL TOPIC IN FINE ARTS**

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: St

FINA 4950 (6.00 CR)

INDEPENDENT STUDY IN FINE ARTS

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study.

(Format: Independent Study) [Note 1: Permission of the Department/Program

FINH 3041 (3.00 CR)

MUSEUM STUDIES

Prereq: Two Art History courses; or permission of the Department

Exclusion: FINA 3041

This course examines the art museum within contemporary society. It considers the history and future shape of the museum, and examines current practice, issues, and debate. Topics covered include: the politics of the museum; its history and discourse; curatorial practice and the development of exhibitions; the museum and its publics; museums and new media; collections; and issues of artistic freedom and ce

FINH 4041 (3.00 CR)

**ART CRITICISM AND THEORY**

Prereq: FINA 2001 and 2011 or FINH 2001 and 2011 plus six additional credits in Art History at the 3/4000 level; or permission of the Department

Exclusion: FINA 4041, FINA 4051

A study of art criticism and theory within a selected time frame with emphasis on the writings of critics, artists and philosophers. (Format: Lecture 3 Hour)

FINH 4091 (3.00 CR)

**ADVANCED SEMINAR IN ART HISTORY**

Prereq: FINA 2001 and 2011 or FINH 2001 and 2011 plus six additional credits in Art History at the 3/4000 level; or permission of the Department

Exclusion: FINA 4091

This course is a research seminar on key issues in nineteenth and twentieth century art, with topics to vary from term to term. Emphasis will be placed on contemporary, theoretical, methodological and critical approaches to the art of the recent past. (Format: Seminar 3 Hours)

FINH 4950 (6.00 CR)

**INDEPENDENT STUDY IN ARTS HISTORY**

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study.

(Format: Independent Study) [Note 1: Permission of the Department/Program Advisor. Students must obtain consent of an instructor who is willing to be a supervisor and must register for the course prior to the last day for change of registration in the term d

## OTHER ART HISTORY COURSES

The following courses also count as Art History offerings:

CLAS 3601 (3.00 CR)  
THE BIRTH OF GREEK ART  
Format: Lecture 3 Hours

CLAS 3611 (3.00 CR)  
THE SPLENDOURS OF CLASSICAL AND HELLENISTIC GREEK  
ART  
Format: Lecture 3 Hours

CLAS 3701 (3.00 CR)  
ETRUSCAN AND EARLY ROMAN ART AND ARCHAEOLOGY  
Format: Lecture 3 Hours

CLAS 3711 (3.00 CR)  
THE ART OF IMPERIAL ROME AND ITS EMPIRE  
Format: Lecture 3 Hours

# GEOGRAPHY AND ENVIRONMENT

The Geogr

6 from GENV 4990

Note: \* indicates courses which have prerequisites that are not listed in the requirements. Students who have completed any one of the former Environmental Studies course listings will have credits applied to their Geography and Environment program.

## Disciplinary B.A. Programs

MINOR in Geography is 24 credits earned as follows:

6 from GENV 1201, GENS 1401  
from Geography and Environment including 6 from the 3/4000 level, chosen in cons

GENS 2431 (3.00 CR)

DATA ANALYSIS

Prereq: Either GENV 1201 or GENS 1401; or permission of the Department

Exclusion: GEOG 2711

This course develops basic skills in data collection, analysis, and presentation. It introduces basic statistical and hypothesis testing procedures, along with relevant software. (Format: Lecture/Laboratory 3 Hours) [Note 1: Students may count fo



**GENS 4421 (3.00 CR)**

**SEMINAR IN ENVIRONMENTAL SCIENCE**

Prereq: This course is restricted to students in their final year of a Major or Honours in Environmental Science

Exclusion: ENVS 4901

This course examines current issues in environmental science. Students prepare case studies of specific problem areas in environmental science and present these in a seminar format. (Format: Seminar 3 Hours)

**GENS 4701 (3.00 CR)**

**ADVANCED FIELD COURSE**

Prereq: GENV 3701 or GENS 3401; or permission of the Department

Exclusion: GEOG 4701

This is an extended field course to be completed outside the September-May academic year in which students complete a supervised original research p

GENV 2201 (3.00 CR)

GEOGRAPHY OF ECONOMIC ACTIVITY

Exclusion: GEOG 2201

This course examines the changing spatial organization of the world industrial map since 1945 by comparing British and North American de-industrialization with the rapid growth of some sectors of newly industrialized countries, including the effects of new production technology, changes in industrial organization and transnational corporations and new regional trading blocs on those changing patterns are discussed. (Format: Lecture 3 Hours)

GENV 2221 (3.00 CR)

THE DEVELOPING WORLD

Exclusion: GEOG 2221

This course surveys the changing geographTm(n those c)er1 0 0 1 184.3942pTm(n those ch.294 646.939 Tm3)Tj1 0 0 1 10y05.284 635.539 Tm(8)Tj1 0 0

GENV 3531 (3.00 CR)

THE PLANNING PROCESS

Prereq: GENV 1201 and one of GENV 2101, 2201, 2311; or per

GENV 4321 (3.00 CR)

SEMINAR IN CULTURAL AND LANDSCAPE STUDY

Prereq: GENV 2311 and 3301 or 3811; or permission of the Department

Exclusion: GEOG 4321

This course explores contemporary cultural geography and cultural landscape study through directed readings, presentations and individual research. (Format: Seminar 3 Hours)

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GENV 4521 (3.00 CR)

SEMINAR IN COMMUNITY PLANNING RESEARCH

Prereq: GENS 2431 and GENV 3531; or permission of the Department

Exclusion: GEOG 4521

This course applies community planning theory and techniques to an actual case developed in concert with a local community.

GENV 4991 (3.00 CR)

SPECIAL TOPIC IN GEOGRAPHY AND ENVIRONMENT

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pi,829 692.62 Tm(y t)Tj1 p

## HISTORY

History is an ideal instrument of liberal education. It develops analytical and communication skills and also fosters knowledge and understanding of the institutions, ideas, groups, and individuals which have shaped the political, social, and cultural world of humankind. Though historical study encourages critical thinking, it also engenders a sensitive understanding of the past, avoiding what one historian has called "the condescension of posterity" (E. P. Thompson, *Making of the English Working Class*, 1963 preface). As another historian reminds us, "the past is not so

HIST 1621 (3.00 CR)

**CANADIAN SOCIAL HISTORY: HOME, WORK AND PLAY**

This course examines people's lives in Canada from 1840 to the present. It combines economic structures and social experiences to document the domestic space of the home and the industrial workplace, as well as public sites of leisure and recreation, and the semi-public spaces of commerce and institutions. (Format: Lecture/Tutorial 3 Hours)

HIST 1631 (3.00 CR)

**GREECE AND ROME: THE FOUNDATIONS OF WESTERN CIVILIZATION**

The political and social history of ancient Greece and Rome will be surv

HIST 2041 (3.00 CR)

EUROPE IN THE NINETEENTH CENTURY

Exclusion: HIST 2010, HIST 2500

This course provides a comprehensive survey of the 'long nineteenth century' from 1789 to 1914. Themes to be considered include revolution, war, intellectual and artistic develo



HIST 3031 (3.00 CR)

**THE ROMAN EMPIRE: CENTRE AND PERIPHERY**

Prereq: Second-year standing and three credits from any Classics or History course at the 1000 or 2000 level; or permission of the Department

An examination of the history of imperial Rome from the age of Augustus to that of Constantine. Main themes include the imperial form of government, the Roman army, urban development and its impact on society, and the conflicts between Romans and other cultures. There will be an emphasis on the analysis and interpretation of primary sources in translation. (Format: Lecture 3 Hours) [Note 1: This course

HIST 3241 (3.00 CR)

IMPERIAL SUNSET: BRITAIN'S RETREAT FROM WORLD POWER  
1918 TO THE PRESENT

Prereq: Second-year standing and at least 6 credits in History at the 1000 or 2000 level; or permission of the Department

This course analyses Britain's decline as a world power, its replacement in that role by the United States, its relations with the emerging nation states of the Third World and its uneasy participation in the European Community. Topics to be examined include: interwar development policies for Africa, Indian nationalism, Wo

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HIST 3561 (3.00 CR)

UNITED STATES FOREIGN RELATIONS

Prereq: Second-year standing and at least 6 credits in History at the 1000 or 2000 level; or permission of the Department

Exclusion: HIST/POLS 3560

This course surveys American diplomacy and foreign relations from colonial times through the twentieth century. Throughout, attention is paid to American domestic policies and the role of public opinion in determining foreign policy. (Format: Lecture 3 Hours)

HIST 3611 (3.00 CR)

HIST 3811 (3.00 CR)

CANADIAN WORKING-CLASS AND LABOUR HISTORY

Prereq: Second-year standing and at least six credits in History; or permission of the Department

This course focuses on selected readings on the History of the Canadian Left since

HIST 4420 (6.00 CR)

THE ATLANTIC PROVINCES

Prereq: Third-year standing and at least six credits from among HIST  
2411, 2421, 3401, 3411, 3431,

HIST 4950 (6.00 CR)

INDEPENDENT STUDY IN HISTORY

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of indepth, a2nd

# INTERNATIONAL RELATIONS

The study of International Relations has traditionally focussed o



INLR 2991 (3.00 CR)

SPECIAL TOPIC IN INTERNATIONAL RELATIONS

This course either focuses on topics not covered by the current course offerings in a department or prog

INLR 4951 (3.00 CR)

**INDEPENDENT STUDY IN INTERNATIONAL RELATIONS**

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study. (Format: Independent Study) [Note 1: Permission of the Department/Program Advisor. Students must obtain consent of an instructor who is willing to be a supervisor and must register for the course prior to the last day for change of registration in the term during which the course is being taken. Note 2: A program on Independent Study cannot duplicate subject matter covered through regular course offerings. Note 3: Students may register for INLR 4950/51 more than once, provided the subject matter differs.]

INLR 4990 (6.00 CR)

**HONOURS THESIS**

This course comprises independent research and study under the direction of a supervisor approved by the Program Advisor. (Format: Independent Study/Thesis) [Note 1: Permission of the IR Progr

## MATHEMATICS

Mathematics is a discipline which has been said to be the Queen of the Sciences, and is the foundation of most modern quantitative and qualitative studies. The permanence and universality of mathematics throughout the ages is a consequence of its very nature. Mathematics is cumulative, developing from the earliest use of number

## Interdisciplinary B.A. Program

B.A. HONOURS in Economics and Mathematics is 81 credits earned as follows:

- 21 from ECON 1001, 1011, 2001, 2011, 2101, 2111, 2701
- 21 from MATH 1111, 1121, 2111, 2121, 2211, 2221, 2311
- 3 from COMP 1631
- 12 from MATH 3011, 3111, 3211, 3311
- 12 from ECON 4700, 4801, 4811, 4821
- 6 from ECON at the 3/4000 levels which may include ECON 4990
- 6 from MATH 3121, 3131, 3151, 3221, 3251, 3321, 3411, 3511, 3531, 4111, 4131, 4141, 4221. Note that MATH 4951 may also be included if the Program Co-ordinators approve its content.

## Interdisciplinary B.Sc. Program

B.Sc. HONOURS in Mathematics and Physics is 90 credits earned as follows:

- 18 from MATH 1111, 1121, 2111, 2121, 2211, 2221
- 3 from COMP 1631
- 6 from CHEM 1001, 1021
- 12 from PHYS 1051, 1551, 2251, 2801
- 3 from MATH/PHYS 3451
- 9 from MATH 3111, 3211, 3311
- 6 from MATH 3141, 4131
- 6 from MATH 3121, 3131, 3221, 3151, 3231, 3321, 3411, 3531, 4111, 4211
- 18 from PHYS 3101, 3201, 3701, 3811, 3821, 4411
- 3 from Physics at the 4000 level
- 6 from PHYS 4990

## PLACEMENT IN MATHEMATICS

Students wishing to take the introductory calculus course (Mathematics 1111) are required to write a *Mathematics Placement Test* to determine their level of mathematical preparation. Based on their test scores and the University regulations, students will be placed in Mathematics 1011 or Mathematics 1111. The *Mathematics Placement Test* will be administered prior to the beginning of classes. Students will be allowed to re-write the test during the first week of classes.

## MATHEMATICS COURSES

Note: The listing of a course in the Calendar is not a guarantee that the course is offered every year.

Note: Students must obtain a grade of at least C- in all courses used to fulfill prerequisite requirements. Otherwise, written permission of the appropriate Department Head or Program Co-ordinator must be obtained.

## MATH 1011 (3.00 CR)

### SETS, FUNCTIONS AND RELATIONS

This course will focus on the real number system, inequalities, plane analytic geometry (lines and conics), functions, inverse functions, polynomials, rational functions, trigonometric functions, exponential and logarithmic functions. Fundamental methods of graphing functions, using non-calculus based techniques, will be emphasized. This course is primarily intended for non-science students or as a prerequisite for MATH 1111 for those students who have not passed the Mathematics Placement Test. Science students who have passed the Mathematics Placement Test require the permission of the Department of Mathematics and Computer Science to enrol in this course. This course cannot be used to satisfy the Bachelor of Science degree requirement of a course in MATH/COMP (12.3.3). Credit will not be given for this course if credit has already been g

MATH 1991 (3.00 CR)

SPECIAL TOPIC IN MATHEMATICS

This course either focuses on topics not covered by the current course offerings in a de

MATH 3111 (3.00 CR)

REAL ANALYSIS I

Prereq: MATH 2111, 2121, 2211; or permission of the Department

Exclusion: MATH 3110

A systematic and rigorous study of the real numbers and functions of a real variab

MATH 3321 (3.00 CR)  
PROBABILITY AND STATISTICS II  
Prereq: MA

MATH 4631 (3.00 CR)

THEORY OF COMPUTATION

Prereq: COMP/MATH 2211, COMP 1721 or 1731; or permission of the Department

This course is an introduction to theoretical aspects of Computer Science such as formal language and automata theory and complexity theory. (Format: Lecture 3 Hours) [Note 1: This course is cross listed as COMP 4631 and may therefore count as three credits in either discipline.]

MATH 4651 (3.00 CR)

CRYPTOGRAPHY

Prereq: COMP 1631 or 1711, 1721 or 1731, COMP/MATH 2211; or permission of the Department

This course is an introduction to cryptographic algorithms and to the cryptanalysis of these algorithms, with an emphasis on the fundamental principles of information security. Topics include: classical cryptosystems, modern block and stream ciphers, public-key ciphers, digital signatures, hash functions, key distribution and agreement. (Format: Lecture 3 Hours) [Note 1: This course is cross listed as COMP 4651 and may therefore count as three credits in either discipline.]

MATH 4950 (6.00 CR)

INDEPENDENT STUDY IN MATHEMATICS

This course permits senior students, under the dir



## MODERN LANGUAGES AND LITERATURES

Courses offered by the Department of Modern Languages and Literatures include French, German, Spanish, Japanese and Linguistics. Linguistics, and most culture courses are offered in English. Students can also benefit from our study-abroad programs in France, Germany, Spain and Japan. The courses offered in each of these disciplines, as well as the Majors, Minors and Honours programs availab

MAJOR in French is 60 credits earned as follows:

- 9 from FREN 2401, 2501, 2601
  - 3 from FREN 1801, 1811, 2801 or 2841
  - 12 from FREN 3101, 3111, 3131, 4001, 4011
  - 3 from FREN 3301, 3401, 3411
  - 3 from FREN 3501, 3511, 3601, 3611, 3621
  - 3 from FREN 3721, 3731, 3741
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FREN 2991 (3.00 CR)  
SPECIAL TOPIC IN FRENCH

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program  
wh

FREN 3611 (3.00 CR)

EXISTENTIALISM AND AFTER / EXISTENTIALISME ET APRÈS

Prereq: FREN 2501 and FREN 2601; or permission of the Department

Exclusion: Any version of FREN 3611 previously offered with a different



## Disciplinary B.A. Programs

MINOR in German is 24 credits earned as follows:

- 15 from GERM 1001, 1011, 2001, 2011, 3001
- 3 to 6 from German 3/4000 level literature courses  
from GERM 2601, 2701, 2811 and German 3/4000 level  
literature courses, c

GERM 2991 (3.00 CR)  
SPECIAL TOPIC IN GERMAN

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Progr



## HISPANIC STUDIES

Spanish is one of the most widely spoken languages of the western world and is an official language of the United Nations' Organization. Canada's interest in the Spanish-speaking world is reflected in organizations suc

SPAN 2111 (3.00 CR)

INTERMEDIATE SPANISH II

Prereq: SPAN 2101; or permission of the Department

Exclusion: SPAN 2100

The continuation of SPAN 2101, this course combines intermediate Spanish grammar, translation, oral practice, and reading of prescribed texts with a further introduc



JAPA 1011 (3.00 CR)

INTRODUCTORY JAPANESE II

Prereq: JAPA 1001; or permission of the Department

Exclusion: JAPA 1000

A continuation of JAPA 1001, this course introduces the main elements of the modern Japanese language. It emphasizes learning the hiragana and katakana systems of writing and the essentials of grammar. In addition students begin to learn the kanji character form and there is an increasing emphasis on communication in spoken and written Japanese. (Format: Lecture 3 Hours, Laboratory 1 Hour)

JAPA 2001 (3.00 CR)

INTERMEDIATE JAPANESE I

Prereq: JAPA 1000 or JAPA 1011; or permission of the Department

Exclusion: JAPA 2000

This course is a continuation of JAPA 1011, directing particular attention to communications skills in both writing and speaking Japanese. (Format: Lecture 3 Hours, Laboratory 1 Hour)

JAPA 2011 (3.00 CR)

INTERMEDIATE JAPANESE II

Prereq: JAPA 2001; or permission of the Department

Exclusion: JAPA 2000

This course is a continuation of JAPA 2001 directing particular attention to communications skills in both writing and speaking Japanese. (Format: Lecture 3 Hours, Laboratory 1 Hour)

## LINGUISTICS

Like other inquiries which are central to human experience, language has long been the focus of intellectual examination. Speculation on the nature of language appears in the works of Plato, Aristotle and other Greek philosophers. Although a number of disciplines, from literary studies to computer science, share the study of language with linguistics, the focus of linguistics is the scientific study of language. Linguists are interested in how human language is organized in the human mind and in how the social structures of human communities shape language in ho

- or 12 from GERM 1001, 1011, 2001, 2011
- or 12 from SPAN 1101, 1111, 2101, 2111
- or 12 from JAPA 1001, 1011, 2001, 2011
- D. 3 from Linguistics 3001

Note: All literature and cult21390.847 670.839 Tm(r)Tj111,

- 15 from 3000-4000 level Music electives or MUSC 1501
  - 18 elective credits chosen in consultation with the Department Head, at least 9 of which must be at the 3000-4000 level
- Note: Students must audition for entry to MUSC 1501
- Note: Ensemble credits must be completed over at least two years

HONOURS in Music (Course Option) is 66 credits earned as follows:

- 42 credits as in the first three lines of the Major in Music
- 24 elective credits, at least 12 of which must be in Music at the 3000-4000

HONOURS in Music (Thesis Option) is 66 credits earned as follows:

- 42 credits as in the first three lines of the Major in Music
- 18 elective credits, at least 6 of which must be in Music at the 3000-4000 level
- 6 from MUSC 4990

## MUSIC COURSES

Music courses are offered under the following categories:

Theory and Composition: MUSC 1001, 1011, 1101, 1111, 2101, 2111, 2141, 2151, 3121, 3141, 3151, 3161, 4161, 4181, 4191, PHYS 1401

Note: Placement of students in MUSC 1101 will be determined by the Department on the basis of an Entrance Assessment given as part of the audition process, and during orientation week. MUSC 1001 and 1011 may not be used to fulfill the requirements for the Bachelor o

MUSC 1501 (3.00 CR)

MUSC 2201 (3.00 CR)

MUSIC HISTORY AND LITERATURE III

Prereq: MUSC 1211; or permission of the Department

Coreq: MUSC 2101

This course is a survey of Western music history and literature from 1750 to 1900 combining lecture and discussion with individual research projects on historical issues of the period and with score study. (Format: Lecture 3 Hours)

MUSC 2211 (3.00 CR)

MUSIC HISTORY AND LITERATURE IV

Prereq: MUSC 2201; or permission of the Department

Coreq: MUSC 2111

This course is a survey of Western music history and literature fro



MUSC 3161 (3.00 CR)

**ARRANGING**

Prereq: MUSC 2111; or permission of the Department

Exclusion: Any version of MUSC 3161 previously offered with a different title, MUSC 3171

This course focuses on arranging extant or original music material for specific instruments and instrumental families, including voice. It includes considerations of style,

MUSC 3341 (3.00 CR)

STRING METHODS I

Prereq: MUSC 1111; or permission of the Department



MUSC 4950 (6.00 CR)  
INDEPENDENT STUDY IN MUSIC

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study. (Format: Independent Study) [Note 1: Permission of the Department/Program Advisor. Students must obtain consent of an instructor who is willing to be a supervisor and must register for the course prior to the last day for change of registration in the term during which the course is being taken. Note 2: A program on Independent Study cannot duplicate subject matter covered through regular course offerings. Note 3: Students may register for MUSC 4950/51 more than once, provided the subject matter differs.]

MUSC 4951 (3.00 CR)  
INDEPENDENT STUDY IN MUSIC

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study. (Format: Independent Study) [Note 1: Permission of the Department/Program Advisor. Students must obtain consent of an instructor who is willing to be a supervisor and must register for the course prior to the last day for change of registration in the term during which the course is being taken. Note 2: A program on Independent Study cannot duplicate subject matter covered through regular course offerings. Note 3: Students may register for MUSC 4950/51 more than once, provided the subject matter differs.]

MUSC 4990 (6.00 CR)  
HONOURS THESIS

The content of study is to be determined by the student in conjunction with one or more supervisors of the course. (Format: Independent Study/Thesis) [Note 1: Permission of the Department is Required.]

MUSC 4991 (3.00 CR)  
SPECIAL TOPIC IN MUSIC

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for MUSC 4991 more than once, provided the subject matter differs.]

THE FOLLOWING ARE ONE CREDIT ENSEMBLES:

MUSC 1619-4619 WIND ENSEMBLE  
MUSC 1629-4629 CHAMBER ORCHESTRA  
MUSC 1639-4639 SYMPHONIC BAND  
MUSC 1649-4649 INSTRUMENTAL JAZZ ENSEMBLE  
MUSC 1659-4659 ELLIOTT CHORALE  
MUSC 1669-4669 CHORAL SOCIETY  
MUSC 1689-4689 LARGE ENSEMBLE OF LIKE INSTRUMENTS  
(BRASS CHOIR)  
MUSC 2679-4679 OPERA WORKSHOP \*

\* Prereq: Permission of the Department

## RECITAL AND CONCERTS

Performances by students, faculty, and guest artists form an important part of the musical life of Mount Allison. The University Performing Arts Series brings to the campus top performers of international rank. Various music faculty ensembles provide an "in residence" group of performers. Frequent student recitals and Collegia Musica provide further enrichment as well as opportunities for students to gain valuable listening and performance experience.

## PRACTICE FACILITIES

Practice facilities are available in the Department of Music for non-music majors from 5 p.m. to 6:30 p.m. daily. Other times are reservA

# PHILOSOPHY

Philosophy is the endeavour to understand the basic questions that arise for us in our world, and to form

PHIL 2401 (3.00 CR)

INTRODUCTORY AESTHETICS

Prereq: Three credits from the Humanities 1600 Series; or permission of the Department

An introduction to the idea of beauty in such thinkers as Plato, Aquinas, Kant, and Heidegger. Topics to be discussed include the relationship of beauty to truth, the experience of the sublime, and the philosophy of art. (Format: Lecture 3 Hours) [Note 1: This course may count as 3 credits in Art History.]

PHIL 2511 (3.00 CR)

INTRODUCTORY PHILOSOPHY OF SCIENCE

Prereq: Three credits from Humanities 1600 Series; or permission of the Department

Successful science claims to give us knowledge of what exists in the universe, and it claims to explain why what happens in a given localized system happens. The italicized words in the last sentence indicate philosophical assumptions within science which this course will explore. Based on historical cases, philosophical interpretations will be compared from logical positivism to Kuhnian paradigms, and the most recent critiques from social constructivism and feminism. (Format: Lecture 3 Hours)

PHIL 2611 (3.00 CR)

INTRODUCTORY LOGIC

Prereq: Three credits from Humanities 1600 Series; or permission of the Department

Exclusion: Any version of PHIL 2611 previously offered with a different title, PHIL 2621

A general introduction to the study of log

PHIL 3240 (6.00 CR)

KANT

Prereq: Three credits from PHIL 2801, 3221, 3231; or permission of  
the Department

Exclusion:

PHIL 4311 (3.00 CR)

19TH & 20TH CENTURY POLITICAL PHILOSOPHY

A careful study of some representative texts in 19th and 20th century social and political philosophy in the light of their relevance for contemporary issues. Selections will typically be drawn from the works of G.W.F. Hegel, Friedrich Nietzsche, Karl Marx, Leo Strauss, Theodor Adorno, Jürgen Habermas, Michel Foucault, and John Rawls. (Format: Lecture 3 Hours) [Note 1: Permission of the Department is Required.]

PHIL 4511 (3.00 CR)

PHILOSOPHY OF MIND

A study of the contemporary philosophical arguments which attempt to resolve the real nature of mental states vis à vis the physical states of the brain; how it is we have knowledge of our own sensations, beliefs, desires, our own consciousness and how we gain knowledge of other minds; and also the more general questions of how we should best proceed to resolve these issues. (Format: Lecture 3 Hours) [Note 1: Permission of the Department is Required]

PHIL 4611 (3.00 CR)

SELECTED TOPICS IN ANALYTIC PHILOSOPHY

This is an examinatio1 180.922 599.62250.093 658.4231.22 Tm(e)Tj17.62250.093 6f2 Tm(t)Tj1 0 06j1Tm(ur)Tj1 0 0 1 214.7y.093 658.4233I90 1 132.2 497.025





PHYS 1031 (3.00 CR)

STARS, GALAXIES AND THE UNIVERSE

Exclusion: PHYS 1001

This course introduces stellar and galactic astronomy as well as cosmology. Topics include optics and telescopes, atomic structure and spect

PHYS 3021 (3.00 CR)

LIFE IN THE UNIVERSE

Prereq: PHYS 1001 or PHYS 1021, and at least second-year standing;  
or permission of the Department

This course will examine issues concerning the origin, evolution and survival of life in the universe from an astrophysical perspective. Topics covered include cosmology and the origin and evolution of the universe, solar system origin, detection of extrasolar planets, what is life and what conditions are necessary to sustain it, searches for life

PHYS 3581 (3.00 CR)

**MEDICAL PHYSICS**

Prereq: PHYS 1551 or PHYS 3521; or permission of the Department

This course is intended both for physics students who are considering a career in medical physics or in the field of medicine, and for students in other programs with similar interests. The course considers fundamental concepts of ionizing radiation, diagnostic applications of medical physics, and therapeutic applications of medical physics. Topics in the diagnostic area include x-rays, computed tomography, mag c

PHYS 4311 (3.00 CR)

MODERN OPTICS

Prereq: PHYS 2251 and PHYS 2801 and PHYS 3101; or permission of the Department

Exclusion: PHYS 4401

This course provides an advanced treatment of a number of topics in modern optics with particular emphasis on topics of industrial and research importance. A brief treatment of geometric optics will concentrate on the design of optical systems. Topics in physical optics may include dispersion in materials, production and properties of polarized light, interference, diffraction in the Fresnel and Fraunhofer limits, Fourier optics, holography and an introduction to quantum optics. Applications of this theoretical background will be made in such areas as fibre-optic transmission, photonic devices, thin film coatings, and electrochromic devices. There will also be some considerations of electro-optical devices such as lasers, charge coupled device detectors, image intensifiers and photodiodes. (Format: Lecture 3 Hours, Laboratory 3 Hours)

PHYS 4411 (3.00 CR)

CLASSICAL MECHANICS AND RELATIVITY

Prereq: PHYS 3811 and PHYS/MATH 3451; or permission of the Department

Exclusion: Any version of PHYS 4411 previously offered under a different title

This course covers three-dimensional dynamics of both particles and rigid bodies using various coordinate systems. The course focuses on an introduction to Lagrangian and Hamiltonian formalisms, follow

## POLITICAL SCIENCE

The study of politics has been an integral part of a university education since the philosopher Plato established an academy in classical Greece to teach the "royal art". Political decisions shape the character of our public and private institutions, determine our foreign and domestic policies, and through these, establish our character as a people. As the eighteenth-century writer Jean-Jacques Rousseau observed in a letter "everything is radically connected with politics."

A

POLS 2221 (3.00 CR)

INTRODUCTION TO COMPARATIVE POLITICS

Prereq: POLS 1001; or permission of the Department

This course introduces the comparative methods and the importance of theory in this sub-field. It e

POLS 3211 (3.00 CR)

**AMERICAN GOVERNMENT AND POLITICS**

Prereq: Six credits in Political Science at the 2000 level; or permission of the Department

Exclusion: POLS 2201

This course examines the political process in the United States. It presents an overview of the constitution, institutions, and political actors that represent the essential components of American political culture and government. It may also focus on one or more important policy areas.



POLS 4300 (6.00 CR)

CANADIAN FOREIGN POLICY

Prereq: POLS 3310; or permission of the Department

A study of the major themes and issues in post-1945 Canadian Foreign policy, with a focus on the concept of inter



PSYC 2011 (3.00 CR)  
RESEARCH DESIGN AND ANALYSIS II  
Prereq: PSY



PSYC 3301 (3.00 CR)

INTERPERSONAL RELATIONS

Prereq: PSYC 1001 and 1011 and at least six credits from 2000 level Psychology courses plus at least third-year standing; or permission of the Department

This course examines aspects of interpersonal attraction and interpersonal relationships. Topics covered include attachment and affiliation, interpersonal attraction, developing and maintaining close relationships, friendship and love, relationship problems, as well as relationship termination. (Format: Lecture)

PSYC 3821 (3.00 CR)

CHILD PSYCHOPATHOLOGY

Prereq: PSYC 2431 and at least six credits from 2000 level Psychology courses plus at least third-year standing; or permission of the Department

Exclusion: PSYC 3501 Child Psychopathology

This course examines prevalence, aetiology, diagnosis, and treatment of the major psychological disorders of childhood including: anxiety; mood and conduct disorders; ADHD; autism; and language and learning disorders. The course focuses on examining the current state of research in childhood psychopathology. (Format: Lecture 3 Hours, Laboratory 1 Hour)

PSYC 3901 (3.00 CR)

HISTORY OF PSYCHOLOGY

Prereq: PSYC 1001 and 1011 and at least six credits from 2000 level Psychology courses plus at least third-year standing; or permission of the Department

Exclusion: PSYC 3091

A course of lectures and seminars surveying the philosophical roots of scientific psychology, placing the problems and concepts of contemporary psychology in a historical context. The course covers the development of psychology from antiquity to the twentieth century. (Format: Lecture 3 Hours)

PSYC 3991 (3.00 CR)

SPECIAL TOPIC IN PSYCHOLOG

PSYC 4611 (3.00 CR)

**ADVANCED TOPICS IN HEALTH PSYCHOLOGY**

Prereq: PSYC 2611 and at least six credits from 3000 level Psychology courses plus at least third-year standing; or permission of the Department

Exclusion: PSYC 4501 Advanced Topics in Health Psychology

This research seminar in psychoneuroimmunology examines how interactions among behaviour, the nervous system, and the immune system influence health. The broad focus is on relationships among ~~stain~~ maintain, behaviour, and immunity from a life-span perspective and on the implications for disease management within various areas of behavioural medicine. (Format: Seminar 3 Hours)

PSYC 4701 (3.00 CR)

**ADVANCED TOPICS IN PERSONALITY**

Prereq: PSYC 2701 and at least six credits from 3000 level Psychology courses plus at least third-year standing; or permission of the Department

This course presents an in-depth examination of theory and research pertinent to a topic of current interest in the field of Personality. (Format: Seminar 3 Hours)

PSYC 4903 (3.00 CR)

**HONOURS SEMINAR**

Coreq: PSYC 4990

A seminar for honours students in Psychology that will involve consideration of metatheoretical, psychometric, and ethical issues that inevitably arise in the course of virtually any type of psychological inquiry. In addition to the critical evaluation of classic articles on these topics, students will

## RELIGIOUS STUDIES

Religion deals with the most basic and ultimate questions of human existence: the meaning and purpose of life; the presence of death, sorrow and anxiety; the existence of God; questions of morality and justice; the possibilities of transcendence, salvation, and liberation for individuals and communities. Religion plays a central role in the construction of human cultures and societies, motivating and legitimating social, political, and ethical action. Religion has been and continues to be a powerful influence



RELG 1671 (3.00 CR)

SACRED SPACE AND HOLY LAND

Exclusion: RELG 1671 (Sacred Space and Pilgrimage)

This course examines how the phenomena of "sacred space" and "pilgrimage", or "sacred journey", originate and give expression to core beliefs, symbols, and devotion ofn o

RELG 2991 (3.00 CR)

SPECIAL TOPIC IN RELIGIOUS STUDIES

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program.

(Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a c

RELG 3601 (3.00 CR)

CHRISTIANITY

Prereq: Three credits from any RELG 1600 course and three credits from any RELG 2000 course; or permission of the Department

This course examines in detail the enormous breadth and richness of the Christian tradition, beginning with its historical and theological roots in the Jewish tradition and ending with some of the challenges

faced in the contemporary world. It traces a path through

RELG 3821 (3.00 CR)

**THE WORD MADE TEXT: INTERMEDIATE TOPICS IN BIBLICAL STUDIES**

Prereq: Three credits from any RELG 1600 course; and RELG 2811 or 2821; or permission of the Department

This course considers what the Bible means and how we should interpret it. It builds upon knowledge of the basic content of the Bible (Hebrew Bible and New Testament), as well as some of the methods or mechanics of biblical interpretation discussed in RELG 2811 and 2821. The course offers the opportunity for close and critical readings of a variety of biblical texts, allowing for the investigation of numerous interpretive approaches such as historical, poetic, narrative, and ideological. Overall the goal is for students to become competent and self-aware readers of the Bible. (Fo



RELG 4841 (3.00 CR)

**SEXUALITY AND THE BIBLICAL TRADITION**

Prereq: RELG 3901; and either RELG 3821 or 3931; or permission of the Department

This course explores the history of sexuality in biblical and post-biblical traditions. Through the close reading of biblical texts it examines the Bible's treatment of the subject of sex inclr REL

# SOCIOLOGY

Sociology involves the study of people as they interact w

SOCI 2991 (3.00 CR)

SPECIAL TOPIC IN SOCIOLOGY

Prereq: SOCI 1001 and 3 credits in the Social Sciences other than Sociology; or permission of the Department

This course either focuses on topics not covered by the current course offerings in a department or program or offers the opportunity to pilot a course that is being considered for inclusion in the regular program. (Format: Variable) [Note 1: Prerequisite set by Department/Program when the topic and level are announced. Note 2: When a Department or Program intends to offer a course under this designation, it must submit course information, normally at least three months in advance, to the Dean. Note 3: Students may register for SOCI 2991 more than once, provided the subject matte



SOCI 3451 (3.00 CR)

DYNAMICS OF POPULAR CULTURE

Prereq: SOCI 1001 and 6 credits from 2000 level Sociology; or  
permission of the Department

An investigation of the process and forms of c

SOCI 4901 (3.00 CR)

ISSUES IN SOCIOLOGY

Prereq: SOCI 3001, 3301 and 3 additional 3000 level credits in Sociology; or permission of the Department

A study of specific issues in Sociology. (Format: Seminar 3 Hours)

SOCI 4950 (6.00 CR)

INDEPENDENT STUDY IN SOCIOLOGY

This course permits senior students, under the direction of faculty members, to pursue their interest in areas not covered, or not covered in depth, by other courses through a program of independent study.

(Format: Independent Study) [Note 1: Permission of the Department/Program Advisor. Students must obtain consent of an instructor who is willing to be a supervisor and must register for the



WOST 3021 (3.00 CR)  
FEMINIST EPISTEMOLOGY AND METHODOLOGY  
Prereq: WOST 2001, 3001; or per

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