



2008 - 2009

ACADEMIC
CALENDAR

Sackville, New Brunswick, Canada

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WELCOME TO MOUNT ALLISON UNIVERSITY

When you first arrive at Mount Allison, you know this University is special. The charming campus tells a tale of rich history, with historic buildings, antique books delicately bound, and stately portraits of past presidents and chancellors hanging in Convocation Hall. But Mount Allison also has its sights firmly set on the future. Underground, for example, the campus is connected by an intricate network of fibre-optic wiring, granting all on campus access to the Internet. Mount Allison was the first university in Canada to offer this access, and the University continues to embrace

possession of silver spoons. After entertaining their guest, the Allison's were informed that if they could afford silver spoons, they could afford to pay more taxes. They left Ireland shortly thereafter. The spoons are on display in the main Library. In June 1839, Sackville merchant Charles Frederick Allison proposed to the Wesleyan Methodists that a school of elementary and high learning be built. His offer to purchase a site in Sackville, to erect a suitable building for an academy, and to contribute operating funds of 100 pounds a year for 10 years was accepted. The for

as a warning that a student might be in academic jeopardy if grades do not improve and academic advising should be sought.

Prere

CALENDAR OF EVENTS 2008-2009

May 5	Monday	Spring/Summer Term (Continuous Learning)
May 9	Friday	Last day for change in Spring/Summer term
May 12	Monday	Last day to make fee p penalty for Spring/Su courses (excluding co courses)
May 15	Thursday	Registration Deposit Due for Fall/Winter terms - new students
May 19	Monday	Victoria Day - no classes
May 26	Monday	2008 Convocation. Spring term classes continue as scheduled.
May 30	Friday	End of withdrawal period for Spring/Summer term courses (excluding correspondence courses)
June 6	Friday	Last day for returning students to make Registration Deposit for Fall/Winter terms without penalty
June 6	Friday	Residence deposit due for new and returning students requiring residence accommodation
June 20	Friday	Last day of classes for Spring/Summer term Last day for full-time returning students

PROVISIONAL CALENDAR OF EVENTS
2009-2010 (SUBJECT TO CHANGE)

Spring/Summer term courses begin

3 ADMISSION

3.1 CONTACT INFORMATION

All correspondence regarding admission should be submitted to the Office of Student Services, Mount Allison University, 65 York St., Sackville, NB, E4L 1E4; phone (506) 364-2269; e-mail <admissions@mta.ca>. Application for

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 Te

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 and www.ili.ca

3.8 MATURE STUDENTS

Mature applicants who have not satisfied the admission requirements will be considered for admission upon submission of evidence of ability and motivation to successfully undertake univ

4 FEES

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 Office of Student Services if you have any questions. Please note that in the event of any conflict be

Depending on the date a residence room is cancelled, a refund of the Residence Deposit will be made as f

4.3.6 Method of Payment

In order to improve service to students by avo

There will be no fee charged for 3 credit courses having 2 classes per week dr

5 FINANCIAL ASSISTANCE

5.1 SCHOLARSHIPS

Mount Allison is interested in attracting the most well-rounded and involved student citizens

5.3.1 The Mount Allison Theological Fund

The Mount Allison Theological Fund is administered by the Pre-Theological student advisor and is used in a variety of ways for the benefit of pre-theological students. Monies from the fund are available to students in the form of loans and bursaries. Various denominations provide assistance to students in Arts who intend to study for some

6 ACADEMIC REGULATIONS

The following regulations apply to students in all undergraduate degree or certificate programs. Students are responsible for knowing and adhering to these regulations as well as to the regulations pertaining to their particular programs.

6.1 REGISTRATION PROCEDURES

6.1.1 Registration Deadline

All full and part-time students must register each year according to

6.2.3 Withdrawal After the

6.8 HONOURS DEGREE REQUIREMENTS

6.8.1 Total Credits

All degrees with Honours consist of at least 120 credits completed beyond the secondary school level. All candidates for these degrees must meet the average requirements outlined below.

6.8.2 Honours GPA and Overall GPA Requirements

A degree with First Class Honours requires attainment of a 3.7 Cumulative Grade Point Average in the prescribed Honours work; a degree with Honours requires attainment of a 3.0 Cumulative Grade Point Average in the prescribed Honours work. Unless a specific statement indicating otherwise appears after the Honours program description, all courses specified in the program are included in the calculation of the Honours average. When a thesis is part of the program, a minimum grade of B is required in all cases. In addition, a cumulative Grade Point Average of approximately 3.0 must be earned by all Honours candidates on all work, including repeated courses, undertaken beyond the first year at Mount Allison. For those in full-time attendance at Mount Allison for three years or fewer, this average will be calculated on all Mount Allison courses taken.

6.8.3 Submitting a Thesis

Bound copies of an Honours student's thesis must be submitted to the supervisor no later than the last day of the final examination period.

6.8.4 Falling Short of the Honours Requirements

Students failing to achieve the minimum standard for Honours as defined in 6.8.2, but who otherwise have satisfactorily completed all of the courses in the prescribed curriculum, will be awarded a degree in the Major area of study.

6.9 SECOND UNDERGRADUATE DEGREE REQUIREMENTS

Students who hold one undergraduate degree from Mount Allison may apply for re-admission to be a candidate for a second different undergraduate degree under the following regulations:

- the student should have demonstrated strong academic ability and must be approved by an Academic Dean.
- the student must fulfill all the requirements for the second degree
- the student must complete Mount Allison courses totaling at least 36 additional credits, beyond those required for the first degree.

Students who wish to complete the requirements for two different Bachelor's degrees at the same time must apply to the appropriate Academic Dean for approval. If approved, regulations a, b, and c apply.

6.10 HONOURS CERTIFICATE

Recipients of a first degree from Mount Allison earned with a Cumulative Grade Point Average of approximately 3.0 in both the last three years of the degree program and in the intended Honours discipline may apply to an Academic Dean to return as a candidate for an Honours Certificate. Application forms are available on the Student Services web page.

6.11 GRADING SYSTEM

6.11.1 Grading Policies for Courses

In the first week of classes at the beginning of each academic term instructors shall provide each student in their courses with written

Descripto

GPA Equivalent

Note: Students must be in Good Standing and have permission of the University for study abroad programs in which the University participates.

Note: Students must be in Good Standing if they wish to apply for a Letter of Permission to take courses at another institution or to register for correspondence courses offered by Mount Allison through Continuous Learning. Exceptions must be approved in writing by the appropriate Academic Dean.

6.12.3 Unsatisfactory Standing

should it be rejected by that Co

6.14 MISSED COURSEWORK OR TESTS

M

of 'Pass' or 'Fail' unless the Registrar, in consultation with the instructor, determines that a letter grade would be more appropriate.

6.16 CONTINUOUS LEARNING

See section 8 for information about regulations for courses taken through the department of Continuous Learning.

6.17 TRANSCRIPTS

6.17.1 Privacy 9

- o) Doctor of Civil Law, a hood of scarlet cloth lined with old gold silk.
- p) Doctor of Literature, a hood of scarlet cloth lined with white silk.
- q) Doctor of Music, a hood of scarlet cloth lined with blue silk lining and half-inch facings.
- r) Doctor of Science, a hood of scarlet cloth lined with primrose yellow silk.
- s) Doctor of Fine Arts, a hood of scarlet cloth lined with green silk.

6.19.6 Honorary Degrees

The Senate of the University has authorized the awarding of the following degrees Honoris Causa:

- a) Doctor of Divinity (D.D.)
- b) Doctor of Laws (LL.D.)
- c) Doctor of Civil Law (D.C.L.)
- d) Doctor of Literature (D.Litt.)
- e) Doctor of Music (D.Mus.)
- f) Doctor of Science (D.Sc.)
- g) Doctor of Fine Arts (D.F.A.)

6.20 NOTIFICATION OF DISCLOSURE OF PERSONAL INFORMATION TO STATISTICS CANADA

Statistics Canada is the national statistical agency. As such, Statistics Canada carries out hundreds of surveys each year on a wide range of matters, including education.

It is essential to be able to follow students across time and institutions to understand, for example, the factors affecting enrolment demand at postsecondary institutions. The increased emphasis on accountability for public investment means that it is also important to understand 'outcomes'. In order to conduct such studies, Statistics Canada asks all colleges and universities to provide data on students and graduates. Institutions collect and provide to Statistics Canada, student identification information (student's name, student ID number, Social Insurance Number), student contact information (address and telephone number), student demographic characteristics, enrolment information, previous education, and labour force activity.

The Federal Statistics Act provides the legal authority for Statistics Canada to obtain access to personal information held by educational institutions. The information may be used for statistical purposes only, and the confidentiality provisions of the Statistics Act prevent the information from being released in any way that would identify a student.

Students who do not wish to have their information used can ask Statistics Canada to remove their identifying information from the national database. To make such a request or for further information please contact Statistics Canada at: <ESIS-SIAE_contact@statcan.ca> or by mail: Postsecondary Education and Adult Learning Section, Centre for Education Statistics, Statistics Canada, Jean Talon Building, 1-B-21 Tunney's Pasture, Ottawa, Ontario, K1A 0T6

Further details on the use of this information can be obtained from the Statistics Canada Web site

<<http://www.statcan.ca/english/concepts/ESIS/index.htm>>.

6.21 EMAIL COMMUNICATION

Email is an official means of communication for academic and administrative purposes at Mount Allison. An email address assigned to a student by the university will be the only email address that will be used by Mount Allison for communication with students for academic and administrative purposes. Students are responsible for frequently checking their Mount Allison email address to remain current with administrative and academic notifications.

7 ACADEMIC PROGRAMS

This section provides complete outlines of the specific requir

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 7.2.4, 7.2.6, 7.2.7, 7.2.8, 7.2.12, and 7.2.17)

7.2.2 Distribution Requir

7.2.11 Interdisciplinary Major

An Interdisciplinary Major consists of a selection of courses worth 60 credits, in most cases. This type of Major gains its coherence from a theme, or appro

7.2.19 Disciplinary and Interdisciplinary Honours Programs

Honours programs represent the most specialized selection of courses to gain depth and coherence within one discipline or thematic area. They have traditionally provided the preparation most appropriate for post-graduate work in that field. The requirements for Honours extend beyond that of the Major, and so the regulation requiring a Minor is waived (see 7.2.4 and 7.2.7), although any student who completes a Minor from another discipline or program, will have this Minor recorded on his or her transcript. Academic regulation 6.8 governing the granting of Honours should b

Note: Students may count for credit towards a degree a maximum of 6 credits from BIOL 2701, GENS 2431, MATH 2311, and PSYC 2001.

Students' choices should be made according to the following information.

7.3.17 The Minor as Required for the B.Sc.

The Minor is designed to be a minimum number of courses by which a student can achieve a modest sense of the coherence in another field of study. As called for in 7.3.6, this requirement can be satisfied by completing the courses specified in any one of the named Minors listed in 7.3.21 (or under 7.2.18), according to one of the options outlined in 7.3.18 through 7.3.20.

7.3.18 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 gains its minimum of coherence from the traditional discipline from which it is drawn.

7.3.19 Interdisciplinary Minor

An Interdisciplinary 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 gains its coherence from a theme, or approach held in common by its component courses. Such programs are authorized in advance by Senate.

7.4.4 Course and Thesis Requirements

All candidates must complete a minimum of two to a maximum of four 3 credit graduate cour

- 6 credits from Mathematics 2311 and 2321
OR Mathematics 2311 and Economics 2701
OR Psychology 2001 and 2011

7.5.6 Commerce Electives on the Bachelor of Commerce Degree

In addition to the Commerce courses required for the Core, 27 credits from Commerce elective courses are required with at least 24 credits from 3/4000 level courses. All Commerce courses other than those in the Core of the program (see 7.5.5), as well as the following courses from other disciplines may also be counted as Commerce electives: Economics 2521, 3201, 3211, 3301, 3601, 3711, 3921, 4501, 4511, 4700, 4801, 4811, 4821, 4990, Computer Science 3851, and Religious Studies 3951, 3961.

7.5.7 The Minor as Required for the Bachelor of Commerce

All Bachelor of Commerce students must complete a Minor in a non-Commerce discipline from the list below or a Specially Approved Minor (see 7.2.17). No more than 9 credits can be counted in common between the Minor and the courses counted in 7.5.5 and 7.5.6. Where there are more than 9 credits of requirements in common, the credit value of the combined program requirements will still be at least 84 credits. The Minor will be recorded on the transcript. Students who satisfy the requirements for more than one Minor will have the additional Minor(s) recorded on their transcript.

Note: the regulation requiring a Minor is waived for students pursuing Honours in Economics.

Minors Available for the Bachelor of Co

value of the combined program requirements will still be at least 105 credits. Students who satisfy the requirements for a Specially Approved Major (see 7.2.12) will have that Major recorded on their transcript.

7.5.13 Transferring to Commerce

Students with second year standing applying for transfer into the Bachelor of Commerce program must do so by APRIL 15 in the year in which they will have completed at least 54 credits. Exceptions must be approved by the Head of the Commerce Department. To be eligible to transfer t

The following may be taken for core ensemble credit; they may additionally be taken for elective credit: 1629-4629 Chamber Orchestra; 1639-4639 Symphonic B

- d) 6 credits from 3/4000 level Fine Arts History courses or from Classics 3601, 3611, 3701, 3711, English 3621, French 2801, German 2701, History 4001, Philosophy 2401
- e) 6 credits from outside of Fine Arts (Classics 3601, 3611, 3701, 3711, English 3621, French 2801, German 2701, History 4001, Philosophy 2401 excluded)

Year Four:

- a) 12 studio credits - Fine Arts 4801, 4811, 4821, 4831 and 3 additional credits from 2/3000 level studio courses
- b) Fine Arts 4701 - Fourth Year Seminar
- c) 6 credits from 3/4000 level Fine Arts History courses or from Classics 3601, 3611, 3701, 3711, English 3621, French 2801, German 2701, History 4001, Philosophy 2401
- d) 6 credits from outside of Fine Arts (Classics 3601, 3611, 3701, 3711, English 3621, French 2801, German 2701, History 4001, Philosophy 2401 excluded)

7.7.5 Entrance Scholarship

The E.B. Pulford Scholarship is normally awarded to the top incoming

B.F.A. student, based on 1 0 1 90.118 599.07 Tm(nt,)Tjn(ud)Tj1 0 0 o138.039 606.57 T7(nl 0 1 90.11 144.287 642.67 Tm(II 0 1 90.11 149.384 631.27 Tm(I

MCAT, GRE, etc.). All students contemplating applying to professional programs should consult the academic calendars of the schools involved
car

with the Registrar

8 CONTINUOUS LEARNING

The Department of Continuous Learning provides educational opportunities for students in alternative formats. Stud

8.11 WITHDRAWAL FROM CORRESPONDENCE COURSES

Full-time students registering for correspondence courses must follow registration and withdrawal deadlines as outlined in section 6.2 of the 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
- no more than half the course work has been completed.

Students wishing to withdraw from a correspondence course must notify Student Services in writing.

8.12 WITHDRAWAL FROM SPRING/SUMMER TERM COURSES (NON-CORRESPONDENCE)

Students registered for non-correspondence courses during Spring/Summer term may withdraw without academic penalty before the end of the fourth week of classes. Students wishing to withdraw from these courses must notify the Office of Student Services in writing. Please see section 4.5.3 for financial information.

8.13 CONTACT INFORMATION

For more information on any of the programs describTm(se w)Tj1 0f2 Tf(CONT)Tj12n2491 0 0 1 239.8(e)Tj1 0 0 1 106Tj11 0j1 0 0 1 68.756 464.57 Tm

9 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:

ANTHROPOLOGY

Anthropology is the study of humans across space and time. It is essentially cross cultural, and atte

ANTH 2521 (3CR)

ANTHROPOLOGICAL PERSPECTIVES ON DEVELOPMENT

Format: Lecture 3 Hours

Prereq: ANTH 1011 and 3 credits in Social Sciences; or permission of the Department

Exclusion: SOAN 2521

An examination of development issues at the global and local levels, with emphasis on gender and indigenous peoples. The focus will fall on such questions as "What is development?" and "Who benefits?" The course reviews the contribution of applied anthropology, participatory action research, and popular education to development models, theory, and praxis.

ANTH 3021 (3CR)

CLASSICAL THEORY IN ANTHROPOLOGY

Format: Lecture 3 Hours

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

Exclusion: SOAN 3021, any version of ANTH 3021 previously offered with a different title

A review of the historical emergence of and major approaches taken to cultural and social anthropology. It will introduce the students to the major components of evolutionism, neo-evolutionism, particularism, functionalism, culture and personality, cultural materialism, and ecological anthropology.

ANTH 3031 (3CR)

INDIGENOUS KNOWLEDGE SYSTEMS: THEORETICAL AND METHODOLOGICAL ISSUES

Format: Lecture 3 Hours

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

Exclusion: SOAN 3031

This course explores the epistemology of systems of knowledge of Indige

ANTH 3541 (3CR)

ETHNOBOTANY

Format: Lecture 3 Hours

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

Exclusion: SOAN 3541

Ethnobotany is the systematic study of how people of a particular region use and relate to plants. The scope of the course is global with special emphasis on the ecosystems of the Atlantic Region. Each year focuses on a different ecosystem. This is a field course, incorporating field trips and site visits as a class and for independent study, and providing basic skills for carrying out ethnobotanical fieldwork.

ANTH 3871 (3CR)

NORTH AFRICAN AND MIDDLE EASTERN ETHNOGRAPHY

Format: Lecture 3 Hours

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

Exclusion: ANTH 3831 - Areal Ethnography Mideast/Middle East and North Africa

This course explores the themes of similarity and difference among Muslim, Jewish, and Christian populations of Nish,

AVIATION

B.Sc. MAJOR IN AVIATION, PENDING MPHEC APPROVAL

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 me

BIOCHEMISTRY

Biochemistry is the study of the chemicals structures and processes of living organisms.

Interdisciplinary B.Sc. Programs

MAJOR in Biochemistry is 75 credits earned as follows:

- 3 from BIOC 1001
- 3 from BIOL 1501
- 6 from MATH 1111, 1121, 1131
- 6 from PHYS 1051, 1551, 3521
- 6 from CHEM 1001, 1021
- 6 from CHEM 2111, 2411
- 3 from BIOL 2601
- 6 from BIOL 2101, 2301, 2401, 2701, 3101, 3111, 3211, 3311, 3711, 4151, 4211, GENS 1401
- 9 from CHEM 2121, 2211, 2311, 3131
- 3 from BIOC 2001
- 12 from BIOC 3001, 3021, 3501, 3521
- 6 from Biochemistry at the 3/4000 level
- 6 from Biochemistry or Biology or Chemistry or GENS at the 3/4000 level, chosen in consultation with the Program Advisor

HONOURS in Biochemistry is 84 credits earned as follows:

- 75 credits as in the Major
- 9 from BIOC 4990 and BIOC 4903

BIOCHEMISTRY 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 or Program Co-ordinator must be obtained.

BIOC 1001 (3CR)

BIOCHEMISTRY I

Format: Integrated Lecture And Tutorial, 3 Hours

This course introduces current topics and advances in Biochemistry and engages students in the scope and activities of the discipline. It examines the central role of water in biolog

BIOC 3501 (3CR)

METABOLISM

Format: Lecture 3 Hours

Prereq: BIOC 2001; or permission of the Program Advisor

This course examines the co-ordinated biochemical transformations of matter, energy and information through metabolic pathways. It covers metabolic strategies and pathways, including chemoautotrophic, heterotrophic, and photoautotrophic metabolism. It emphasizes carbohydrate and amino acid metabolism, with related topics in lipid, nucleotide, and secondary metabolism. There is a strong emphasis on how organisms integrate metabolic paths, and how fluxes through paths are balanced.

BIOC 3511/4511 (3CR)

INDEPENDENT RESEARCH IN BIOCHEMISTRY

Format: Independent Research

Prereq: Consent of supervising staff member prior to registration and permission of the Program Advisor

This course provides an opportunity for a student to undertake research of a topic in which she or he has a special interest. The student and a faculty member must jointly plan the research project.

BIOC 3521 (3CR)

PROTEIN BIOCHEMISTRY

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: BIOC 2001; or permission of the Program Advisor

This course examines the relations between protein structure and function at the primary, secondary, tertiary, and quaternary levels; enzyme catalysis and mechanism; isolation, purification, and characterization of proteins; the metabolism of proteins through synthesis and degradation; and recent trends in protein design. Students learn sequence comparison, motif searching, and development of visual protein structures constructed from the protein structural data bases available over the web. The course introduces mass spectroscopic analyses of the proteome and protein sequencing.

BIOC/BIOL 3711 (3CR)

BIOCHEMICAL ECOLOGY

Format: Seminar 3 Hours

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

Note: This course is cross-listed and may therefore count as three credits in either discipline.

This course deals with the biochemistry of interactions between animals, plants and microorganisms that occur in the natural enviro

BIOC 4990 (6CR)

HONOURS THESIS

Format: Independent Study/Thesis

Prereq: Consent of supervising staff member prior to registration and 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.

BIOLOGY

Biology is the scientific study of living things: their form, their function, their origin and their behaviour. The study of Biology can be an important part of a liberal education, for to understand it well requires knowledge of chemistry, physics, mathematics, and natural history; to describe it well requires a command of language and ability to present observations visual

HONOURS in Biology is 78 credits earned as follows:

- 63 as in the Major, including 3 credits from BIOL 2701 or 4711, plus:
- 9 from BIOL 4903, 4990
- 6 from Biology at the 3/4000 level, chosen in consultation with the Program Advisor

Note: The thesis required will involve laboratory or field investigation, and unless the candidate shows satisfactory ability to carry on independent work, honours will not be recommended. With permission of the Biology Department, up to 6 credits from an approved list of courses given in other departments can be used as the equivalent of Biolog

BIOL 2601 (3CR)
GENETICS
Fo

BIOL 3311 (3CR)
DEVELOPMENTAL BIOLOGY
Format: Le

BIOL 3451 (3CR)

ENTOMOLOGY

Format: Lecture 3 Hours, Laboratory/Field Trip 3 Hours

Prereq: BIOL 2401; or permission of the Department

Insects surpass all other organisms in their diversity and numbers, comprising over two thirds of the earth's known animals. This course will introduce students to this class of organisms by covering the following six areas: structure, function classification and phylogeny, behaviour and ecology. Throughout the course, evolutionary forces influencing the animals and systems involved will be stressed. Discussions will emphasize the use of the comparative methods to determine what these forces might be.

BIOL 3501 (3CR)

NATIVE FLORA (VASCULAR PLANTS)

Format: Lecture 3 Hours, Laboratory/Field Trip 3 Hours

Prereq: BIOL 2301; or permission of the Department

A field-oriented course on identification, taxonomy, and ecology of vascular plants.

BIOL 3601 (3CR)

ECOLOGICAL GENETICS

Format: Lecture 3 Hours, Tutorial 1 Hour

Prereq: Biology 2601, Math 1111, or permission of the Department

This course builds on the material presented in Introductory Genetics, presenting theoretical concepts used in investigating the genetic properties of populations. The basic concepts used to describe and measure the genetic variation within and between populations will be presented in a lecture format. Theoretical and observed consequences of population differences will be considered. Students will be expected to participate in discussions and debates focussing on topics related to population genetics. tutorials w

BIOL 3911 (3CR)
PLANTS AND HUMAN SOCIETY
Fo

BIOL 4301 (3CR)

PHYSIOLOGICAL PLANT ECOLOGY

Format: Lecture/Seminar/Laboratory Project 3 Hours

Prereq: BIOL 2101 and 2301; or permission of the Department

The emphasis in this course will be on the ways plants respond to their environment. Topics include a discussion of transpiration and heat transfer, photosynthesis in nature, vernalization, photoperiodism and response to stress such as drought, temperature, salinity and pollutants.

BIOL 4371 (3CR)

ADVANCED MARINE SCIENCE

Format: Lecture/Seminar 3 Hours

Prereq: One of BIOL 3351, 3361 or 3371; or permission of the Department

BIOL 4950 (6CR)
SPECIAL TOPICS IN BIOLOGY
Format: Inde

CANADIAN STUDIES

Canadian Studies seeks to analyse and explain the Canadian experience in all of its dimensions. These include Canada's vast and varied geographical character, its regional distinctions, its history and politics, its cultures and economy, its urban, modern and multicultural realities. An important feature of Canadian Studies is the analysis of Canada's place in the world. Questions about Canada and the world are addressed across departments and disciplines at the university. The Canadian Studies Program approaches these questions by drawing together the analytical strengths and content of individual disciplines in the humanities, the social sciences, and the sciences. The multi-disciplinary and interdisciplinary approaches of Canadian Studies core courses are a distinguishing feature of Canadian Studies.

There are many reasons for taking Canadian Studies. The program's courses provide students with skills and knowledge that graduates find very valuable in their working lives - as teachers in the classroom; as government employees at various levels - municipal, provincial, national and international; as individuals working in the private sector or in business. The multi-disciplinary or interdisciplinary approaches of Canadian Studies core courses provide students the opportunity to develop unique and flexible analytical skills.

Mount Allison's Canadian Studies Program offers courses leading to a Minor, Major, or Honours as well as a range of courses that can be taken as electives or as distribution credits. Students looking for more information about Canadian Studies at Mount Allison may consult the program web page or the Program Advisor.

Interdisciplinary B.A. Programs

MINOR in Canadian Studies is 24 credits earned as follows:

- 12 from CANA 2001, 2011, 4600
- from CANA 3111, 3121, 3251, 3301, 3401, 3421, 3431, 3441, 4251, 4951, chosen in consultation with the Prog.87 Tm(es o)Tj.472 Tm(3121,)3441,

CANA 2011 (3CR)

AN INTRODUCTION TO CANADIAN CULTURE

Format: Lecture/Tutorial 3 Hours

This course provides an introduction to Canadian culture and identity. It examines key Canadian symbols and myths and various forms of cultural expression, including film, the arts, literature, and music in relation to Canadian national identity.

CANA 3111 (3CR)

NATIVE PEOPLES OF CANADA

Format: Lecture 3 Hours

Prereq: CANA 2001 and 2011; or permission of the Program Advisor

Exclusion: CANA 3100

This course explores the dynamics of contemporary First Nations culture in Canada from an interdisciplinary perspective. Among the key issues it seeks to explore are: the development of Native arts and culture in modern Canada, contemporary First Nations

CANA 4901 (3CR)

DIRECTED READINGS IN CANADIAN STUDIES

Format: Seminar 3 Hours

Prereq: Registration in CANA 4990; or permission of the Program

Advisor

This course is r

Note: Additional 3/4000 lev

CHEM 2211 (3CR)

PHYSICAL CHEMISTRY I: THERMODYNAMICS

Format: Lecture 3 Hours, Laboratory 3 Hours, Regular Tutorials

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

An introduction to the laws of thermodynamics and their application to ideal systems, mixtures and chemical reactions, will be provided.

Thermochemistry, chemical and phase equilibria and electrochemistry will be discussed.

CHEM 2311 (3CR)

INORGANIC CHEMISTRY I: CO-ORDINATION CHEMISTRY

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: CHEM 1021; or permission of the Department

Exclusion: CHEM 3311

Lewis acid-base chemistry and applications to transition metals will be discussed. Concepts covered will include structure and bonding, ligand field theory, magnetism and electronics.

CHEM 2411 (3CR)

ANALYTICAL CHEMISTRY I

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: CHEM 1021, MATH 1111; or permission of the Department

Exclusion: CHEM 3411

This course covers the following topics with an emphasis on problem solving: the treatment of errors and statistics of measurements; aqueous solutions, complex equilibria (including acid/base and buffer systems); electrochemistry theory; redox, electrode potentials (ion selective

CHEM 3321 (3CR)

INORGANIC CHEMISTRY II: MAIN GROUP ELEMENTS

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: CHEM 1021; or permission of the Department

The structure and bonding in main group compounds will be examined.

Ionic and covalent bonding will be discussed with respect to Lewis, valence shell electron pair repulsion, valence bond and molecular orbital theories.

CHEM/BIOC 4351 (3CR)

INORGANIC CHEMISTRY: BIOINORGANIC

Format: Lecture 3 Hours

Prereq: CHEM 3321; or permission of the Chemistry Department

Note: This course is cross-listed and may therefore count as three credits in either discipline. Honours Chemistry students should register for CHEM 4351.

This course examines the roles metals play in biochemical systems, and includes an overview of bioinorganic chemistry and a discussion of metals in medicine.

CHEM 4431 (3CR)

ANALYTICAL CHEMISTRY: MODERN TOPICS IN
CHROMATOGRAPHY

Format: Lecture/Seminar 3 Hours, Practical Exercises And Major
Project

Prereq: CHEM 3421; or permission of the Department

The theory and current practical application of the techniques of GC/MS, LC/MS, and capillary electrophoresis (CE) and CE/MS will be surveyed.

CHEM 4521 (3CR)

ENVIRONMENTAL CHEMISTRY

Format: L

CLASSICS

Classical Studies is concerned primarily with the cultures of Greece and Rome and their contributions to Western civilization. It is unique among modern academic disciplines in the breadth of its approach to its subject. In an age when undue specialization threatens the student in so many areas of learning, Classics is a field in which

CLAS/HIST 2021 (3CR)

ALEXANDER THE GREAT AND THE HELLENISTIC WORLD

Format: Lecture 3 Hours

Exclusion: CLAS/HIST 3011

Note: This course is cross-listed as HIST 2021 and may therefore count as 3 credits in either discipline.

An examination of the career of Alexander the Great and the Hellenistic era that followed his conquest of the eastern Mediterranean. Among the main themes included will be the goals of Alexander, the new political climate of kingship and patronage that he helped create, the interaction of the Greeks with the civilizations of Egypt and the East, and the integration of new cultural ideas into Greek society.

CLAS/HIST 2051 (3CR)

WOMEN IN ANTIQUITY

Format: Lecture 3 Hours

Note: This course is cross-listed as HIST 2051 and may therefore count as 3 credits in either discipline.

Using written and material evidence, this course will explore the economic, social and political roles of women in the societies of ancient Greece and Rome, as well as the development of the Western idea of the female in antiquity. Secondly, it will introduce and explore the social theories commonly applied to the study of gender in history.

CLAS 2501 (3CR)

INTRODUCTION TO ARCHAEOLOGY

Format: Lecture 3 Hours

An introduction to the methods of archaeological excavation. This course aims to acquaint the student with the theory and basic techniques of archaeology. Examples showing both past and present archaeological research done in the Old and New Worlds will be used to illustrate the topics under discussion.

CLAS 2521 (3CR)

THE ARCHAEOLOGY OF DAILY LIFE IN THE GREEK AND ROMAN WORLD

Format: Lecture 3 Hours

An examination of the evidence used by archaeologists to recreate the social history of ancient Greece and Rome. The course will consider how archaeology can shed light on such topics as the lives of men, women, and children; the home; gov

CLAS 3201 (3CR)

GREEK TRAGEDY

Format: Lecture 3 Hours

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

A study of Greek tragic drama as it developed in Athens of the fifth century B.C.E. The course will examine (in translation) the main surviving plays of Aeschylus, Sophocles, and Euripides.

CLAS 3211 (3CR)

GREEK AND ROMAN COMEDY

Format: Lecture 2 Hours

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

A study of Greek and Roman comic drama (in translation) as represented by the work of Aristophanes, Menander, Plautus, and Terence.

CLAS 3401 (3CR)

THE LYRIC POETRY OF GREECE AND ROME

Format: Lecture 3 Hours

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

A study of Greek and Roman poetry that expresses universal feelings of love and fear, celebration and personal aspiration. The course will examine the themes and forms of lyric poetry, as well as the role of the poet in society. The poems of Sappho, Archilochus, Pindar, Catullus, Propertius, Ovid, and others will be read in English translation.

CLAS 3411 (3CR)

THE EPIC POETRY OF GREECE AND ROME

Format: Lecture 3 Hours

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

An examination of the epic genre as it developed in ancient Greece and Rome. The focus of the course will be on Homer's Iliad and Odyssey and Virgil's Aeneid, with attention given to other representative works. The poems will be studied (in translation) both as products of their respective societies and in light of their influence on later European literature.

CLAS 3501 (3CR)

ARCHAEOLOGICAL FIELD COURSE

Format: Field Course

Prereq: Permission of the Department

Note: This course is only av

LATIN COURSES

LATI 1001 (3CR)

INTRODUCTORY LATIN I

Format: Lecture 3 Hours, Tutorial 1 Hour

Exclusion: LATI 1000

An introduction to basic Latin grammar and vocabulary for students with no previous knowledge of the language. This course is based on readings which present not only the fundamentals of Latin but also the Roman world in which it was used. Some effort is made to show the connections between Latin and modern languages (English, French, Spanish). Three class periods per week, plus a fourth hour to be arranged after classes have begun.

LATI 1101 (3CR)

INTRODUCTORY LATIN II

Format: Lecture 3 Hours, Tutorial 1 Hour

Prereq: LATI 1001; or permission of the Department

Exclusion: LATI 1000

A continuation of the study of the Latin language. While adding new grammar, this course concentrates on reading comprehension and vocabulary building. Three class periods per week, plus a fourth hour to be arranged after classes have begun.

LATI 2001 (3CR)

INTERMEDIATE LATIN

Format: Lecture 3 Hours

Prereq: LATI 1101; or permission of the Department

This course introduces students to the reading of unadapted passages from ancient authors. While the emphasis is on developing a fluency in reading Latin, it also reviews basic Latin grammar and presents some more advanced grammar and syntax.

LATI 2101 (3CR)

INTRODUCTORY READINGS IN LATIN LITERATURE

Format: Lecture 3 Hours

Prereq: LATI 2001; or permission of the Department

A reading of selected works by Latin authors.

GREK 3101 (3CR)
READINGS IN GREEK POETRY

Format: Lecture 3 Hours

Prereq: GREK 2101; or permission of the Department

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

GREK 4001 (3CR)
DIRECTED READINGS IN GREEK

Format: Lecture 3 Hours

Prereq: Permission of the Department

Detailed study of one or more Greek authors.

GREK 4950/4951 (6/3CR)
SPECIAL PROJECT IN GREEK

Format: Independent Study

Prereq: Permission of the Department

Directed reading and study of a special topic in Greek language or literature, or in Greek history.

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

from COMP 163 64c284 6114528.934 Tm(.)Tj/F5N9284 114528.934 Tm 1

COMMERCE

Note: The Minor and Major in Commerce on a B.A. program are outlined below. For a description of program requirements for completion of a B.Comm. Please see Section 7.5.

Disciplinary B.A. Programs

MINOR in Commerce is 24 credits earned as follows:

- 9 credits from the following 12 credits: MATH 1111, ECON 1001, 1011, and 3 credits in Computer Science
- 15 from Commerce, including at least 6 at the 3/4000 level

MAJOR in Commerce is 60 credits earned as follows:

- 12 from COMM 2101, 2131, 2201, 2301
- 3 from Computer Science
- 6 from Economics (not including ECON 2701)
- 6 from Mathematics (not including MATH 1011)
- 21 from Commerce at the 3/4000 level
- 12 from complementary courses, chosen in consultation with the Program Advisor

Note:

1. COMM 3411, 3501, 4501, 4511 and 4521 may be designated as

Economics electives

COMM 2311 (3CR)

ORGANIZATIONAL BEHAVIOUR II

Format: Case Discussion/Lecture 3 Hours

Prereq: COMM 2301; or permission of the Department

Exclusion: COMM 3331

This course focuses on the macro aspects of organizational behaviour.

Topics include group processes in the organization and their relationship to effectiveness, intergroup conflict, cooperation, leadership, communication, team dynamics, and organizational change.

COMM 3111 (3CR)

INTERMEDIATE ACCOUNTING I

Format: Case Discussion/Lecture/Problem Based Learning 3 Hours

Prereq: COMM 2121; or permission of the Department

This course expands basic accounting concepts learned in Commerce 2101 and 2121. It develops the general accounting theory of assets, liabilities, income, equity, and funds flow. Particular emphasis will be placed on the conceptual framework of accounting, revenue and expense recognition, asset and liability recognition, and measurement and disclosure.

COMM 3121 (3CR)

INTERMEDIATE ACCOUNTING II

Format: Case Discussion/Lecture/Problem Based Learning 3 Hours

Prereq: COMM 3111; or permission of the Department

The following topics are discussed: shareholders' equity, dilutive securities, investments, and a series of sp

COMM 3271 (3CR)
ARTS AND CULTURE MARKETING
Fo

COMM 3421 (3CR)
PRODUCTION AND OPERATIONS MANAGEMENT
Format: Lec

COMM 4311 (3CR)

STRATEGIC MANAGEMENT

Format: Lecture/Seminar 3 Hours

Prereq: COMM 2201, 2301, and 3501; or permission of the Department

Exclusion: any version of COMM 4311 p

**COMM 4800/4801 (6/3CR)
SPECIAL TOPICS IN BUSINESS**

Format: Special Topics

Prereq: Permission of the Department

This course is devoted to business topics not covered by the other courses offered. The course content, format and prerequisites will vary depending on the particular area of business to be covered.

**COMM 4950/4951 (6/3CR)
INDEPENDENT STUDY**

Format: Independent Study

Prereq: Permission of the Department

This course is offered to students who wish to study in depth a subject introduced in a previous course or a business area which is not currently covered by our present course offerings. It usually involves independent study in a program planned by the student and approved by the Department; however, it is possible that some projects may involve several participants working together in groups.

**COMM 4990 (6CR)
HONOURS THESIS**

Format: Independent Study/Thesis

Prereq: Permission of the Department

This course requires a major paper on a business topic and is carried out in close consultation with a thesis director.

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, and software engineering. Our goal is to introduce students to all facets of the discipline, and to give them an appreciation of the historical, ethical, and social context of computing, and the responsibility of the computer professional and casual computer user in a modern society.

The Department offers a broad variety of courses and programs in Computer Science. Introductory courses may teach programming and theories of computing or offer a general overview of the use and application of popular microcomputer software; more advanced courses deal with topics ranging from artificial intelligence and the role of computers in society to the design and implementation of advanced hardware or software systems. All courses in the computing curriculum offer a blend of theory and practical application, with many of the offerings having a significant project component in which students are given the opportunity to apply the classroom material to real-world problems. Courses are designed to address the needs of a wide variety of users, from the casual to the professional. Some students may enrol in a course to familiarize themselves with the microcomputer and application software, while others may choose to pursue a minor or a major in Computer Science. Students may choose to select Computer Science in combination with areas such as English, Economics, Philosophy, or Physics. Mount Allison has been quite successful in placing its students in graduate programs in Computer Science, while many others have found employment after graduation in one of the many computer-related fields.

Disciplinary B.A. and B.Sc. Programs

B.A. MAJOR in Computer Science is 60 credits earned as follows:

- 18 from COMP 1631, 1731, 2211*, 2611, 2631, 2931
- 12 from COMP 3611, 3721, 3911, 4721
- 3 from COMP 3361, 3971
- 9 from Computer Science at the 3/4000 level
- 6 from MATH 1111, 2221
- 3 from MATH 1121, 1131, 2311
- 9 from complementary courses in Arts and Letters, Humanities and Social Sciences chosen in consultation with the Program Advisor

B.A. or B.Sc. MINOR in Computer Science is 24 credits earned as follows:

- 15 from COMP 1631, 1731, 2211*, 2611, 2631
- 6 from Computer Science at the 3/4000 level
- 3 from MATH 1111

B.Sc. MAJOR in Computer Science is 63 credits earned as follows:

- 18 from COMP 1631, 1731, 2211*, 2611, 2631, 2931
- 12 from COMP 3611, 3721, 3911, 4721
- 3 from COMP 3361, 3971

- 9 from Computer Science at the 3/4000 level
- 6 from MATH 1111, 2221
- 3 from MATH 1121, 1131, 2311
- 12 from CHEM 1001, 1021, PHYS 1051, 1551

B.A. or B.Sc. HONOURS in Computer Science and Mathematics is 75 or 87 credits earned as follows:

- 18 from COMP 1631, 1731, 2211*, 2611, 2631, 2931
- 15 from MATH 1111, 1121, 2111, 2121, 2221
- 9 from MATH 3111, 3211, 3311
- 3 from MATH 3011, 3221, 3231, 3251, 4221
- 3 from Mathematics at the 3/4000 level
- 3 from COMP 3361, 3971
- 15 from COMP 3411, 3611, 3721, 3911, 4721
- 9 from Computer Science or Mathematics at the 3/4000 level
from CHEM 1001, 1021; PHYS 1051, 1551 (only for B

COMP 2931 (3CR)
INTRODUCTION TO SYSTEMS PROGRAMMING
Format: Lecture 3 Hours, Laboratory 3 Hours
Prereq: COMP 1731; or permission of the Department
Exclusion: COMP 2911

This course is an introduction to programming at the systems level.
Topics include: basic machine organization, assembly language, the UNIX environment, shell scripting, and C/C++ programming.

COMP/PHYS 3361 (3CR)
DIGITAL SIGNAL PROCESSING AND ELECTRONICS
Format: Lecture 3 Hours, Laboratory 3 Hours
Prereq: COMP 1631 and PHYS 1551; or permission of the Department
Note: This course is cross-listed with PHYS 3361 and may therefore count as three credits in either discipline

This course introduces students to both digital electronic circuits and digital signal processing, and would be valuable both for those planning to go on in technical careers in computer science or in physics, and for scientists who wish to develop tools for the collection and analysis of data. Topics to be covered include digital logic gates, Boolean algebra, counting circuits, digital signal conditioning, sampling considerations such as the Nyquist criterion, analog to digital and digital to analog conversion, Fourier Transform theory and application as FFT, correlation and convolution, digital filtering using finite impulse response and infinite impulse response circuits including the ztransform and filter design, and digital image processing including two dimensional FFT techniques, microprocessors, microcontrollers and digital signal processing integrated circuits.

COMP/MATH 3411 (3CR)
NUMERICAL ANALYSIS
Format: Lecture 3 Hours
Prereq: MATH 1121, 2221, COMP 1631 or 1731 or 1751; or permission of the Department

Note: This course is cross listed as MATH 3411 and may therefore count as three credits in either discipline.

This course is an introduction to numerical methods for solving a variety of problems in mathematics, the natural sciences, and engineering. Topics to be studied include numerical solution of linear and nonlinear systems of equations, Gauss elimination, pivoting strategies, numerical stability, PLU factorization, tridiagonal matrices, polynomial and cubic spline approximation and interpolation.

COMP/MATH 3511 (3CR)
LINEAR PROGRAMMING
Format: Lecture 3 Hours
Prereq: MATH 2221, 3 credits in Computer Science; or permission of the Department
Note: 3 CR

COMP 3811 (3CR)

DATABASE SYSTEMS

Format: Lecture 3 Hours

Prereq: COMP 2611 or 2631, 2931, COMP/MATH 2211; or permission
of the Department

An introduction to major typ

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 pro

DRAM 3151 (3CR)
PRINCIPLES OF DIRECTING

Format: Lecture/Workshop 3 Hours

Prereq: DRAM 2151; or permission of the Director of Drama

Exclusion: DRAM 3051

This course introduces students to the theory and practice of directing, diverse models of the director's role in the theatrical process, script analysis for directorial purposes, study of staging techniques, and techniques for working with actors. The class will study several texts and present selected scenes with a view to developing directorial competence.

DRAM 3161 (3CR)
PRODUCTION II

Format: Lecture/Workshop 3 Hours

Prereq: DRAM 2161; or permission of the Director of Drama

Exclusion: DRAM 3061

This course will explore theatre architecture, set design, costume design, scenic painting, properties, mask-making, and historical research in support of design.

DRAM 4901 (3CR)
SPECIAL TOPICS IN DRAMATIC THEORY AND PRACTICE

Format: Seminar 3 Hours

Prereq: Permission of the Director of Drama

This course will allow students to pursue a topic of special interest that is not covered in courses in drama and dramatic literature.

DRAM 4951 (3CR)
DIRECTED STUDY IN THEATRICAL INTERPRETATION

Format: Independent Study

Prereq: permission of the Director of Drama

Individual projects in areas such as acting, directing, writing and design as assigned within the Windsor Theatre's season by the Director of Drama. Practical results will be supported by written and/or visual materials as appropriate.

ECONOMICS

Every society must in some way determine what goods and services its members will produce, and to what extent each person can claim a portion of this flow of output. Our Canadian society relies primarily, although not complete

Students who plan to pursue graduate studies in Economics are advised to include Economics 4700, 4801, 4811, 4821 and courses in Calculus, Linear Algebra (Mathematics 2221) and Statistics (Mathematics 3311, 3321) from the Mathematics Department. Other courses in Mathematics are also valuable. Students should seek advice from a member of the Department of Economics when deciding on a program of study.

HONOURS in Economics is 72 credits earned as follows:

- 51 credits as in the first four lines of the Major, plus:
- 12 from ECON 4001, 4011, 4700, 4801, 4811, 4821, 4990
- 9 from Economics at the 3/4000 level or Mathematics and Computer Science (except MATH 1011, 1251 and 2321; and COMP 1631) chosen in consultation with the Economics Program Advisor

ECONOMICS 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 use

ECON 2701 (3CR)
STATISTICS FOR BUSINESS AND ECONOMICS

Format: Lecture 3 Hours

Prereq: ECON 1001 and 1011, MATH 2311; or permission of the Department

Exclusion: MATH 2321

Note: Students may take MATH 3311 and 3321 instead of this course. Honours students are strongly encouraged to do so.

The application of statistical methods to economic data. Topics include: descriptive statistics, hypothesis testing, analysis of variance, simple regression, multiple regression, non-parametric statistics chi-square tests, index numbers, sampling designs, and time series.

ECON 3101 (3CR)
LAW AND ECONOMICS

Format: Lecture 3 Hours

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.

ECON 3111 (3CR)
HEALTH ECONOMICS

Format: Lecture 3 Hours

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.

ECON 3201 (3CR)
MONEY, BANKING, AND THE CANADIAN FINANCIAL SYSTEM: MICROECONOMIC PERSPECTIVES

Format: Lecture 3 Hours

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

Note: Counts as a Commerce elective for students taking a Bachelor of Commerce or a Major or Minor in Commerce.

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 f

ECON 3531 (3CR)
ECONOMIC GROWTH AND DEVELOPMENT: JAPAN AND
EAST ASIA

Format: Lecture 3 Hours

Prereq: ECON 3501; or permission of the Department

T

ECON 3921 (3CR)
INTERNATIONAL FINANCE

Format: Lecture 3 Hours

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

Note: Counts as a Commerce elective for students taking a Bachelor of Commerce or a Major or Minor in Commerce.

This course examines the financial side of international trade. The focus is on exchange rates, the balance of international payments, alternative means of adjustment to shocks in the international economy, and international monetary arrangements.

ECON 4001 (3CR)
MODES OF CLASSIC

ECON 4990 (6CR)

HONOURS THESIS

Format: Independent Study/Thesis

Prereq: Written permission of the Department

Note: Counts as a Commerce elective for students taking a Bachelor of Commerce or a Major or Minor in Commerce.

A student fulfilling requirements for an Honours degree may elect to undertake a research and writing project of acceptab

HONOURS PROGRAM

Students with a strong interest in and aptitude for the subject may wish to seek an Honours Degree in English. The requirements are sixty-six English credits, as outlined below. Students must apply to the Honours Co-ordinator to do Honours in January of the year in which they have third year standing.

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

- 42 credits as in the first four lines of the Major, including English 2211
- 3 from English 3871 or 3881
- 3 from a 4000-level senior seminar course
- 18 from English at the 3/4000 level, including 3 credits each from two additional subject areas (for a total in the Honours program of seven subject areas)

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

- 42 credits as in the first four lines of the Major, including English 2211
- 5.248r lines o

ENGL 1501 (3CR)
INTRODUCTION TO POETRY

Format: Lecture 3 Hours

Prereq or Coreq: ENGL 1201; 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.

ENGL/DRAM 1701 (3CR)
INTRODUCTION TO DRAMA

Format: Lecture 3 Hours

Prereq or Coreq: ENGL 1201, or enrolment in the Interdisciplinary

Major or Minor in Drama; or permission of the Department

Exclusion: ENGL/DRAM 2021

Note: This course is cross-listed as DRAM 1701 and may be taken as three credits in either discipline.

This course introduces students to conventions, forms, and dev

ENGL 3211 (3CR)

ADVANCED STUDIES IN SHAKESPEARE

Format: Lecture 3 Hours

Prereq: ENGL 2211 or ENGL 3311 and three more English credits at the 2000 level; or permission of the Department

Exclusion: ENGL 3300

ENGL 3451 (3CR)

LITERATURE IN THE AGE OF ROMANTICISM

Format: Lecture 3 Hours

Prereq: 6 credits of English at the 2000 level; or permission of the Department

Exclusion: ENGL 3451 (Literature in the Age of Revolution)

This course examines British writing from 1780 to 1810, a period of profound cultural transformation under the impact of the American, French, and Industrial Revolutio

ENGL 3621 (3CR)

READING FILMS

Format: Lecture 3 Hours, Laboratory 2 Hours

Prereq: 6 credits of English at the 2000 level; or permission of the Department

This course focuses on affinities between printed and cinematic narrative
fo

ENGL 3771 (3CR)

CARIBBEAN LITERATURE

Format: Lecture 3 Hours

Prereq: 6 credits of ENGL at the 2000 level; or permission of the Department

Exclusion: ENGL 3761 (Literatures of South East Asia and Caribbean)

This course offers an introduction to the literature of the Caribbean Islands since 1945.

ENGL 3781 (3CR)

THE LITERATURE OF INDIA AND SOUTHEAST ASIA

Format: Lecture 3 Hours

Prereq: 6 credits of English at the 2000 level; or per

ENGL 3931 (3CR)

ASPECTS OF POSTMODERNISM

Format: Lecture 3 Hours

Prereq: 6 credits of English at the 2000 level; or permission of the Department

This course will examine various aspects of the postmodern aesthetic by exploring post-modern writing, such as that by Barth, Eco, Carter, Calvino, or Acker, within the c

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. Until 1965, when the Department moved to its own quarters in the Gairdner Fine Arts Building, the department was housed in the gallery. Since that time the gallery has been extensively remodelled into one of the largest in the Maritimes, serving both the univer

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.

STUDIO COURSES

The pre-requisite for 2000 level studio courses is the successful completion of the appropriate 1000 level course; i.e. 1101, 1111, 1901,

FINA 2401 (3CR)

SCULPTURE I

Format: Studio

Prereq: FINA 1931; or permission of the Department

This course addresses the human figure through a variety of media, including wire, wood, mesh, scavenged or na58 Tm(me)Tju 172.883 694.458 Tm(f)Tj

FINA 3501 (3CR)
INTERMEDIATE PHOT

FINA 3051 (3CR)
TWENTIETH CENTURY ART TO 1940

OTHER ART HISTORY COURSES

The following courses also count as

GEOGRAPHY AND ENVIRONMENT

The Geography and Environment department offers three degree programs: a B.A. in Geography, a B.A. in Environmental Studies, and a B.Sc. in Environmental Science. Common to all streams in the first year there are the core courses GENV 1201 and GENS 1401.

The Geography B.A. program is designed for students interested in the study of social sciences at various spatial and temporal scales and leads to the completion of a Minor, Major, or Honours. It is about the study of place and involves understanding the processes that have acted together to shape the complex "place" structures that exist in our world and on our landscape. Such study requires an understanding of the principles of ecological and physical systems; of the cultural, social, economic and political forces acting on those systems; and of the management, planning or scientific tools necessary to meet environmental challenges and opportunities.

The Environmental Studies B.A. program is designed for students interested in the human dimensions of environmental change and problem-solving, including environmental b

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.

GENV 2221 (3CR)
THE DEVELOPING WORLD

Format: Lecture 3 Hours

Exclusion: GEOG 2221

This course surveys the changing geography of the developing world. It examines the decline in traditional land systems and resource use, surveys current economic development strategies, and reviews the role of international aid and non-governmental organizations in these strategies.

GENV 2311 (3CR)
INTRODUCTION TO CULTURAL GEOGRAPHY

Format: Lecture 3 Hours

Exclusion: GEOG 2311

This course surveys the main themes and approaches of cultural geographers. It evaluates concepts such as cultural area, ecology and landscape in the context of North American and European settlement patterns.

GENS 2411 (3CR)
GEOMORPHOLOGY

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: GENS 1401; or permission of the Department

Exclusion: GEOS 2401; GEOG 2411

This course is an introduction to geomorphology, the science that explores the processes that shape the Earth's surface. Its first half deals with the larg

GENV 3301 (3CR)
HISTORICAL GEOGRAPHY OF NOR

GENV 3811 (3CR)

GEOGRAPHY OF URBANIZATION

Format: Lecture 3 Hours

Prereq: Third-year standing plus GENV 1201 and 2311; or permission of the Department

Exclusion: GEOG 3811

This course investigates the evolution of the modern city through historic phases of mercantile, industrial, corpor

GENV 4521 (3CR)

SEMINAR IN COMMUNITY PLANNING RESEARCH

Format: Seminar 3 Hours

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. Students clarify client objectives, develop a research and analysis program, conduct fieldwork, analyze data, prepare recommendations, and present results to the client.

GENS/GENV 4701 (3CR)

ADVANCED FIELD COURSE

Format: 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 project at an off-campus location.

GENV 4711 (3CR)

PERSPECTIVES ON MAPPING AND G.I.S.

Format: Lecture/Laboratory 3 Hours

Prereq: GENS 2441 and third-year standing; or permission of the Department

Exclusion: GEOG 4711

This course investigates how cartography has been used to codify space, place and territory over the past millennium. The course co

GERMAN STUDIES

See Modern Languages and Literatures

GREEK

See Classical Studies

HISPANIC STUDIES

See Modern Languages and Literatures

HISTORY

As both a literary art and social science, History is an ideal instrument of liberal education. Defined as "the rational study of the significant past" it provides a systematic and critical method of acquiring knowledge and understanding of the institutions, ideas, groups and individuals which have shaped our political, social and cultural world and contributes to reflective, articulate citizenship in a free, tolerant and humane society. History is also an excellent preparation for a large number of career choices as well as a pleasurable intellectual pursuit that will last a lifetime.

Without attempting to study all the people and places of the significant past, the Mount Allison History Department offers a rich variety of both subject matter and interpretive approach through individualized programs designed to achieve both coherence and depth. Courses are regularly available at all levels in most major periods of Canadian, American and European history and are complemented when staffing permits by introductions to China and Japan. Together, they reflect a wide range of faculty interest - from political

Literatures or the Classics Department: FREN 1701, 1711, or GERM 1001 and GERM 1011, or JAPA 1001 and JAPA 1011, or SPAN 1101 and SPAN 1111, or GREK 1001, 1101 or LATI 1001, 1101. (Students may substitute other language courses dependent on placement by the Department of Modern Languages and Literatures or the Classics Department or another language taken by transfer approved by the History Department).

HONOURS in History is 72 credits earned as follows:

- 42 credits from the first three lines of the major, plus:
- 6 credits for language courses in a single language other than English. Normally students will take six credits from the following courses offered by the Department of Modern Languages and Literatures or the Classics Department: FREN 1701, 1711, or GERM 1001 and GERM 1011, or JAPA 1001 and JAPA 1011, or SPAN 1101 and SPAN 1111, or GREK 1001, 1101 or LATI 1001, 1101. (Students may substitute other language courses dependent on placement by the Department of Modern Languages and Literatures or the Classics Department or another language taken by transfer approved by the History Department).
- 6 from HIST 4990
- 18 from History at the 4000 level, chosen in consultation with the Program Advisor

HISTORY 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 or Program Co-ordinator must be obtained.

HIST 1601 (3CR)

NEW NATIONS IN NORTH AMERICA

Format: Lecture 3 Hours

This course will examine the transfer of European ideas, institutions, political and economic structures to North America, and consider the reshaping of these by the North American experience. Particular emphasis will be placed on the transition from the colonial experience to the realization of new states.

HIST 1611 (3CR)

THE EXPANSION OF EUROPE ABROAD

Format: Lecture 3 Hours

This course will focus on the expansion of Europe after the 15th century and the impact of that expansion on both Native peoples and on European civilization. Themes to be considered are the creation of a world economy, racial relations, the rise and fall of European power, the impact of technology, the growth of indigenous nationalism, and the legacy of European expansion.

HIST 1621 (3CR)

CANADIAN SOCIAL HISTORY: HOME, WORK, AND PLAY

Format: Lecture/Tutorial 3 Hours

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 workplace, as well as public sites of leisure and recreation, and the semi-public spaces of commerce and institutions.

HIST/CLAS 1631 (3CR)

GREECE AND ROME: THE FOUNDATIONS OF WESTERN CIVILIZATION

Format: Lecture 3 Hours

Note: This course is cross-listed as CLAS 1631 and may therefore count as 3 credits in either discipline

HIST 2001 (3CR)
WESTERN EUR

HIST 2700 (6CR)

MODERN ASIA PACIFIC HISTORY

Format: Lecture 3 Hours

This course will focus on the ways in which the countries of the Asia Pacific Region have interacted with each other through the 20th century, and how they have struggled to understand and adapt to a rapidly changing modern world.

HIST/CLAS 3001 (3CR)

DEMOCRACY AND IMPERIALISM IN CLASSICAL GREECE

Format: Lecture 3 Hours

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

Note: This course is cross-listed as CLAS 3001 and may therefore count for three credits in either discipline.

An examination of archaic and classical Greek history and civilization from the emergence of the polis to the fall of the Athenian empire. Main themes include the development of political institutions, warfare, and gender relations. Emphasis is placed on historical methods and the interpretation of ancient evidence.

HIST/CLAS 3021 (3CR)

CONQUEST AND EXPANSION: THE RISE AND FALL OF THE ROMAN REPUBLIC

Format: Lecture 3 Hours

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

Note: This course is cross-listed as CLAS 3021 and may therefore count for three credits in either discipline.

An examination of the development of Rome from a small city-state into the leading power in the Mediterranean. Main themes include the conflict between Rome and Carthage, the conquest of the Hellenistic East, and the political and social changes in Roman society. There will be an emphasis on the analysis and interpretation of primary sources in translation.

HIST 3151 (3CR)
EUR

HIST 3321 (3CR)
WAR AND SOCIETY IN EUROPE FROM THE LATE MIDDLE
A

HIST 3471 (3CR)

CANADIAN WOMEN IN HISTORICAL PERSPECTIVE

Format:

HIST 4950/4951 (6/3CR)
SPECIAL TOPICS - DIRECTED STUDY
Format: Independent Study
Prereq: Permission of instructor and Department required

HIST 4990 (6CR)
HONOURS THESIS
Format: Independent Study/Thesis
Independent research and study under direction of a member of the department; for students in History Honours program.

INTERNATIONAL ECONOMICS AND BUSINESS

Interdisciplinary B.A. Program

MINOR in International Economics/Business is 24 credits earned as follows:

- 12 from ECON 1001 and 1011, 3 credits in Computer Science or MATH 1111, COMM 2201
- 12 from Economics 3501, 3531, 3551, 3901, 3921, Commerce 2211, 3211, 3251, 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. Otherwise, written permission of the appropriate Department or Program Co-ordinator must be obtained.

INTERNATIONAL RELATIONS

The study of International Relations has traditionally focussed on the competition for power among rival states. Today, however, non-state and intergovernme

INLR 3101 (3CR)

GLOBAL GOVERNANCE

Format: Lecture/Group Projects 3 Hours

Prereq: INLR/POLS 2301; or permission of the instructor

This course examines the role of international organizations in International Relations with a focus on the United Nations. It addresses the challenges of multilateral diplomacy in the age of globalization and U.S. supremacy.

INLR 3201 (3CR)

PROBLEMS IN INTERNATIONAL DEVELOPMENT

Format: Lecture/Group Projects 3 Hours

Prereq: INLR/POLS 2301, or permission of the instructor

This course focuses on leading issues in international development from an international relations perspective. The themes covered may vary from year to year.

INLR 3301 (3CR)

LATIN

JAP

12 credits from complementary disciplines chosen in consultation with the Program Advisor

B.A. HONOURS in Mathematics is 72 credits earned as follows:

- 18 from MATH 1111, 1121, 2111, 2121, 2211, 2221
- 6 from COMP 1631, 1731
- 24 from MATH 3011, 3111, 3121, 3211, 3311, 3321, 4131, 4221
- 3 from MATH 3411
- 15 from Mathematics at the 3/4000 levels
- 6 from Mathematics or Computer Science at the 3/4000 levels

B.A. or B.Sc. HONOURS in Computer Science and Mathematics is 75 or 87 credits earned as follows:

- 18 from COMP 1631, 1731, 2211*, 2611, 2631, 2931
- 15 from MATH 1111, 1121, 2111, 2121, 2221
- 9 from MATH 3111, 3211, 3311
- 3 from MATH 3011, 3221, 3231, 3251, 4221
- 3 from Mathematics at the 3/4000 levels
- 3 from COMP 3361, 3971
- 15 from COMP 3411, 3611, 3721, 3911, 4721
- 9 from Computer Science or Mathematics at the 3/4000 level
- 12 from CHEM 1001, 1021; PHYS 1051, 1551 (only for B.Sc.)

Note: * COMP 2211 is cross-listed as MATH 2211

B.Sc. MAJOR in Mathematics is 60 credits earned as follows:

- 18 from MATH 1111, 1121, 2111, 2121, 2211, 2221
- 3 from MATH 3111, 3141, 4131
- 3 from MATH 3011, 3211, 3221, 3231
- 3 from MATH 3151, 3311, 3411, 3511
- 15 from Mathematics at the 3/4000 level
- 6 from COMP 1631, 1731
- 6 from CHEM 1001, 1021
- 6 PHYS 1051, 1551

B.Sc. HONOURS in Mathematics is 84 credits earned as follows:

- 18 from MATH 1111, 1121, 2111, 2121, 2211, 2221
- 6 from COMP 1631, 1731
- 27 from MATH 3011, 3111, 3121, 3211, 3311, 3321, 3411, 4131, 4221
- 15 from Mathematics at the 3/4000 level
- from Mathematics or Co

MATH 1121 (3CR)

INTRODUCTION TO CALCULUS II

Format: Lecture 3 Hours, Laboratory 1.5 Hours

Prereq: MATH 1111; or permission of the Department

The derivatives of trigonometric functions are introduced, various techniques of integration studied and some applications presented.

Among these applications are: area between curves, volume work and elementary differential equations.

MATH 1131 (3CR)

MATHEMATICS FOR LIFE AND ENVIRONMENTAL SCIENCE

Format: Lecture 3 Hours, Laboratory 1.5 Hours

Prereq: MATH 1111; or permission of the Department

Exclusion: MATH 1121, 1251

An application-oriented continuation of the study of calculus and an introduction to other topics of interest to students in the life and environmental sciences.

MATH 1251 (3CR)

FINITE MATHEMATICS

Format: Lecture 3 Hours

Exclusion: MATH 1131

This course introduces students at all levels to the most applicable branches of finite mathematics and is particularly suitable for students in the social and behavioural sciences and commerce. Topics discussed include Markov chains, linear programming and game theory.

MATH 2111 (3CR)

MULTIVARIABLE CALCULUS

Format: Lecture 3 Hours

Prereq: MATH 1121; or permission of the Department

Exclusion: MATH 2111 (Vector Calculus)

Topics include: Sequences and series, power series, Taylor and

MacLaurin series; conn.653 Tm(o)Tjci0 0 1 48.493 344.4(ies,)Tj1 0 0 533 T 0 1 48.493 34 380.691 Tm(e)T5.253 Tm(TH 55.81 Tm(a)Tjar)Tj1 0 0 1 190.

MATH 3031 (3CR)
HISTORY OF MATHEMATICS

Format: Lecture 3 Hours

Prereq: MATH 1121 (or 1131) and 6 credits from MATH 2111, 2121, 2211 and 2221

A survey of the history of Mathematics. Topics include: the achievements of early civilizations, the developments in Europe leading to the calculus and its consequences, the growth of rigor in the 18th and 19th centuries, the axiomatic method in the 20th century.

MATH 3111 (3CR)
REAL ANALYSIS I

Format: Lecture 3 Hours

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 variable, emphasizing limits and continuity.

MATH 3121 (3CR)
REAL ANALYSIS II

Format: Lecture 3 Hours

Prereq: MATH 3111; or permission of the Department

Exclusion: MATH 3110

A continuation of Mathematics 3111 including the study of concepts from the Calculus, including differentiation and integration.

MATH 3131 (3CR)
MATHEMATIC

MATH 3311 (3CR)
PROBABILITY AND STATISTICS I
Format:

MATH 4131 (3CR)

COMPLEX VARIABLES WITH APPLICATIONS

Format: Lecture 3 Hours

Prereq: MATH 2111; or permission of the Department

This course is designed primarily for students in mathematics and physics. It covers analytic functions, Cauchy-Riemann equations, conformal mapping, complex integrals, Cauchy's integral theorem, Taylor and Laurent Series, residues, evaluation of real integrals, and inverse transforms.

MATH 4141 (3CR)

MEASURE AND INTEGRATION

Format: Lecture 3 Hours

Prereq: MATH 3110 or 3121; or permission of the Department

Topology of \mathbb{R}^n , Lebesgue Measure, Measurable Functions, the Lebesgue integral, the convergence theorems and products measures. As time per

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 available, are outlined under each discipline heading. An interdisciplinary Major and Honours in Modern Languages, Literatures and Cultures are also offered, as outlinedr

- 3 from FREN 3501, 3511, 3601, 3611, 3621
- 3 from FREN 3721, 3731, 3741
- 3 from FREN 3801, 3811, 3821, 3841, 3851, 3861
- 6 from French literature at the 3000/4000 level; ~~at least 2 courses~~ ~~from the following list:~~ HIST 1536 590.039 Tm (r6938308m1TjTj1831 612.839 T2 (i00
- 18 from complementary courses in French; Modern Languages, Literatures or Cultures; Linguistics; Arts & Letters and/or Humanities, including FREN 1701 and 1711, if required by placement, FREN 1801, 1811, 2801 and 2841; HIST 1661 is especially recommended

Note: All complementary courses from disciplines outside the Department of Modern Languages and Literatures (with the exception of HIST 1661) must be chosen in consultation with the Program Advisor prior to enrolment in them.

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FREN 1711 (3CR)

INTERMEDIATE FRENCH II / FRANÇAIS INTERMÉDIAIRE II

Format: Lecture 3 Hours, Laboratory 1 Hour

Prereq: FREN 1701 or placement by the Department

Exclusion: FREN 1700

The continuation of French 1701, this course purs

FREN 3000 SERIES

Prereq: FREN 2501 for 3101 and 3151; FREN 2601 for literat

FREN 3601 (3CR)
MODERNISM AND SURREALISM/ MODERNISME ET
SURREALISME
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Exclusion: Any version of FREN 3601 previously offered with a different
title

This course is a study of literary movements and cultural forms in
France through representative works from the beginning of the
twentieth century until World War II.

FREN 3611 (3CR)
EXISTENTIALISM AND AFTER / EXISTENTIALISME ET APRÈS
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Exclusion: any version of FREN 3611 previously offered with a different
title

From existentialist realism to the 'nouveau roman' to the post-modern,
a study of literary movements and cultural forms in France through
representative works from the post-war period.

FREN 3621 (3CR)
NEW WRITING, NEW VOICES / NOUVELLES ÉCRITURES, TUDF(10 T((F)Tj1 0 0 1 316.978 693.9353 2402. 173.0 0 1 321.995 438.5353 2402. 17
VOIX NOUVELLES
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Exclusion:

Study of contemporary literary and cultural production in French
(outside Canada) with a focus on new and emerging writers.

FREN 3721 (3CR)
QUÉBEC LITERATURE FROM THE HABITANT TO THE QUIET
REVOLUTION / LITTÉRATURE QUÉBÉCOISE DE L'HABITANT
À LA RÉVOLUTION TRANQUILLE
Format: Lecture 3 Hours
Prereq: FREN 2510 and FREN 2601; or permission of the Department
Exclusion: FREN 3711, 3771

This course studies the main currents in French Canadian and
Québécois literature (fiction, theatre, and poetry) from the nineteenth
century to the 1970s. It places special emphasis on the literary changes
which occur during the Quiet Revolution.

FREN 3731 (3CR)
CONTEMPORARY VOICES IN QUÉBÉCOIS LITERATURE /
VOIX CONTEMPORAINES DANS LA LITTÉRATURE
QUÉBÉCOISE
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Exclusion: FREN 3711, 3771

This course examines the main currents in Québécois literature (fiction,
theatre, and poetry) from the 1970s into the twenty-first century.

FREN 3741 (3CR)
ACADIE: PAST AND PRESENT / L'ACADIE: DE L'EMPREMIER
À NOS JOURS
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Exclusion: FREN 3831

This course offers a survey of Acadie, its history, culture and language,
and especially of its literature. Of central importance will be the study
of Acadian identity, as defined by the often contradictory concepts of
tradition, assimilation, resistance and marginalisation. Materials will
include literary and non-literary texts, music, film, and electronic
resources.

FREN 3801 (3CR)
FRENCH LITERARY CRITICISM / CRITIQUE LITTÉRAIRE
FRANÇAISE
Format: Lecture 3 Hours
Prereq: FREN 2501 AND FREN 2601; or permission of the Department

An introduction to the principal methods of modern and contemporary
French literary criticism. The course includes representative approaches
from among structuralism, semiotics, psychoanalysis, speech-act theory,
feminism, and deconstruction.

FREN 3811 (3CR)
WORD AND IMAGE / TEXTE ET IMAGE
Format: Lecture 3 Hours
Prereq: FREN 2501 and FREN 2601; or permission of the Department
Different yet inseparable, words and images have always interacted wi0.298 427.05

FREN 3851 (3CR)
TEXTUAL REPRESENTATIONS OF WOMEN /

- 3 to 6 from German 3/4000 level literature courses
- 3 to 6 from GERM 2601, 2701, 2811 and German 3/4000 level literature courses, chosen in consultation with the Program Advisor

Note: An interdisciplinary Major and Honours in Modern Languages, Literatures and Cultures (French, German, Spanish and Japanese), are also available.

GERM 4901 (3CR)

DIRECTED READINGS IN GERMAN

Format: Lecture 3 Hours

Prereq: GERM 2000 or 2011 and permission of the Department

Ne

SPAN 1101 (3CR)

INTRODUCTORY SPANISH I

Format: Lecture 3 Hours, Laboratory 1 Hour

Exclusion: SPAN 1100

This course teaches elements of Spanish grammar and pronunciation through practice and reading of prescribed texts. This is an intensive course designed for students who have no previous knowledge of Spanish.

SPAN 1111 (3CR)

INTRODUCTORY SPANISH II

Format: Lecture 3 Hours, Laboratory 1 Hour

Prereq: SPAN 1101; or permission of the Department

Exclusion: SPAN 1100

The continuation of Spanish 1101, this course focuses on elements of Spanish grammar and pronunciation through practice and reading of prescribed texts.

SPAN 1801 (3CR)

SPAIN: A MOSAIC OF CULTURES, ONE NATION

Format: Lecture 3 Hours

Exclusion: SPAN 2001

Note: Language of instruction is English

This course is an introduction to the history, culture and art of Spain. It will focus on a number of specific eras which were important to the evolution of Spanish identity: the Muslim wor

SPAN 3201 (3CR)
MIEVEAL SPANISH LITERATURE

Format: Lecture 3 Hours

Prereq: SPAN 3101 and 3111; or permission of the Department

at 31. A study of the historical background through the reading and discussion of literary works of all types from the 11th to the 15th centuries. This course will be conducted in Spanish.

SPAN 3211 (3CR)
SPANISH LITERATURE OF THE GOLDEN AGE

Format: Lecture 3 Hours

Prereq: SPAN 3101 and 3111; or permission of the Department

A study of the literature of Spain of the 16th and 17th centuries. Particular attention will be given to poetry, theatre and the novel. This course will be conducted in Spanish.

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SPAN 3221 (3CR)
NINETEENTH-CENTURY SPANISH LITERATURE

Format: Lecture 3 Hours

Prereq: SPAN 3101 and 3111; or permission of the Department

A study of the poetry and theatre of the Romantic period and of the novel of the second half of the century. This course will be conducted in Spanish.

SPAN 3231 (3CR)
TWENTIETH-CENTURY SPANISH LITERATURE

Format: Lecture 3 Hours

Prereq: SPAN 3101 and 3111; or permission of the Department

A study of selected poetry, novels and plays of this century beginning with the "Generacion de 1898". This course will be conducted in Spanish.

SPAN 3301 (3CR)
SHORT PROSE OF LATIN AMERICA

Format: Lecture 3 Hours

Prereq: SPAN 3101 and 3111; or permission of the Department

A survey of the short story and the essay, concentrating primarily on the Twentieth Century. Readings from some of the principal essa

JAPA 1001 (3CR)
INTRODUCTORY JAPANESE I

Format: Lecture 3 Hours, Laboratory 1 Hour

Exclusion: JAPA 1000

This course offers an introduction to the main elements of the modern Japanese language. It emphasizes learning the hiragana and katakana systems of writing and the essentials of grammar. It is intended for students with no prior background in Japanese.

JAPA 1011 (3CR)
INTRODUCTORY JAPANESE II

Format: Lecture 3 Hours, Laboratory 1 Hour

Prereq: JAPA 1001; or permission of the Department

Exclusion: JAPA 1000

A continuation of Japanese 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.

JAPA 2001 (3CR)
INTERMEDIATE JAPANESE I

Format: Lecture 3 Hours, Laboratory 1 Hour

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

Exclusion: JAPA 2000

This course is a continuation of Japanese 1011, directing particular attention to communications skills in both writing and speaking Japanese.

JAPA 2011 (3CR)
INTERMEDIATE JAPANESE II

Format: Lecture 3 Hours, Laboratory 1 Hour

Prereq: JAPA 2001; or permission of the Department

Exclusion: JAPA 2000

This course is a continuation of Japanese 2001 directing particular attention to communications skills in both writing and speaking Japanese.

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 to their own purposes, reflecting themselves in language use.

LINGUISTICS COURSES

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

- 6 from FREN 1801, 1811, 2601, 2801, 2841, 3201, 3301, 3401, 3411, 3501, 3511, 3601, 3611, 3621, 3711, 3741, 3771, 3801, 3811, 3821, 3841, 3851, 3861, 4951
- or 24 15 from GERM 1001, 1011, 2001, 2011, 3001
9 from GERM 2601, 2701, 2811, 3401, 3501, 4901, 4951
- or 24 18 from SPAN 1101, 1111, 2101, 2111, 3101, 3111
6 from SPAN 1801, 1811, 2301, 3060, 3201, 3211, 3221, 3231, 3301, 3311, 3321, 3331, 4800/4801, 4950/51
- C. 12 credits from a third language, other than those previously selected, chosen from French, German, Spanish or Japanese, as follows:
 - 12 from FREN 1701, 1711, 2401, 2501
- 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 culture courses are to be chosen in consultation with the Program Advisor.

Note: Any student exempted from a language course must replace that course with a language course at a higher level, or if none is available, with a literature or cultur

3 from 1629-4629, 1639-4639, 1649-4649, 1659-4659, 1669-4669,
1689-4689, 2679-4679
fro

MUSC 1211 (3CR)

MUSIC HISTORY AND LITERATURE II

Format: Lecture 3 Hours

Prereq: MUSC 1201; or permission of the Department

Coreq: MUSC 1111

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

MUSC 2521 (3CR)
DICTION FOR SINGERS

Format: Lecture 3 Hours

This course will acquaint students with the symbols and sounds of the International Phonetic Alphabet and with the application of the IPA to the English, French, German, Italian, Latin and Spanish languages. The differences between spoken and sung language will be explored and the physical processes required to produce the various sounds will be investigated and practised.

MUSC 2603 (3CR)
COLLABORATIVE KEYBOARD I

Format: Lecture/Laboratory 3 Hours

Prereq: MUSC 1500; permission of the Department

Note: All piano and organ students registered for MUSC 2500 must also take MUSC 2603

This course provides students with the basic knowledge and skills necessary for an artistic accompaniment. Students examine different styles of music including Art Song, Lieder and Oratorio, as well as accompaniments for instrumental works and orchestral reductions.

MUSC 2613/3613/4613 (3CR)
CHAMBER MUSIC I/II/III

Format: Private Instruction 1 Hour

Prereq: MUSC 2613 open to 2nd, 3rd, and 4th year music students in their major instrument with the permission of the applied music instructor, the course instructor, and the coordinator; others by permission of the Department

Prereq: MUSC 3613: MUSC 2613 and permission of the Department

Prereq: MUSC 4613: MUSC 3613 and permission of the Department

These courses (taken in sequence) are designed to give students practical experience in the art of chamber music performance. Students will be assigned to instructors and repertoire (30 minutes minimum) will be chosen and approved in the Spring prior to the beginning of the next academic year. There will be two public performances by each chamber group.

MUSC 3001 (3CR)
INTRODUCTION TO MUSIC IN CANADA

Format: Lecture 3 Hours

Prereq: MUSC 2011 or MUSC 2211; or permission of the Department

This course is a survey of the history of music in Canada from the beginning of the seventeenth century to the present. Reference will be made to the folk music of indigenous and immigrant

MUSC 4181 (3CR)
ANALYTICAL TECHNIQUES I

Format: Lecture 3 Hours

Prereq: MUSC 2111; or permission of the Department

Development of skills in the analysis of music through examination of scores drawn from a wide range of periods, styles and media.

Introduction and application of various theories of coherence and unity (Schenker, Hindemith, Messiaen, et al.).

MUSC 4191 (3CR)
ANALYTICAL TECHNIQUES II

Format: Lecture 3 Hours

Prereq: MUSC 4181; or permission of the Department

A continuation of Music 4181 in Term II.

MUSC 4221 (3CR)
SEMINAR IN MUSIC HISTORY

Format: Lecture 3 Hours

Prereq: MUSC 3251; or permission of the Department

Note: Students may register for MUSC 3211 and/or 4221 more than once, provided the subject matter differs.

A senior seminar on the formulation of critical concepts as they relate to specific styles and works, including questions of analytical systems, the formation of values, reception theory, aesthetics, and allied matters. Emphasis will be placed on the development of research, bibliographical, and writing skills, as well as on the presentation of oral reports. This course is especially useful for students contemplating graduate studies in Musicology.

MUSC 4311 (3CR)
SECONDARY METHODS

Format: Lecture 3 Hours

Prereq: MUSC 3311; or permission of the Department

This course, which is a continuation of Music 3311, covers several aspects of music instruction at the secondary level including choral, instrumental, and general music programs. An introduction to the use of technology in music programs and classroom harmony instruments will also be included.

MUSC 4351 (3CR)
PERCUSSION METHODS

Format: Lecture 2 Hours

Prereq: MUSC 1111; or permission of the Department

A practical course designed to acquaint the student with the basic skills necessary for the playing and teaching of the instruments of the percussion family. Initial concentration is on rudiment and advanced drumming techniques, followed by basic instruction on tympani and mallet instruments, and percussion instruments of indefinite pitch.

MUSC 4361 (3CR)
KEYBOARD METHODS

Format: Lecture 2 Hours

Prereq: MUSC 1111; or permission of the Department

This course is designed to acquaint the student with the essential principles of creative keyboard teaching in an individual or group situation. The historical development of keyboard playing will be examined along with the special problems confronting the teacher of today. A survey of teaching material will include the comparison and evaluation of approaches for children and older beginners.

MUSC 4580 (6 CR)
CREDITED SHARED RECITAL

Format: Private Instruction 1 Hour, Master Classes

Prereq: MUSC 2111, 2211, MUSC 3500, and permission of the Department. Students intending to register for MUSC 4580 must attain at least A- in MUSC 3500, and must have participated in at least two collegia recitals (or the equivalent) since enrolling in the B.Mus. program.

This course involves the preparation and execution of a public recital program of approximately 30 minutes in length under the supervision of the student's Applied Music teacher. The program must be planned at the end of the student's MUSC 3500 year in consultation with the teacher, and it must be submitted to the Department for approval.

MUSC 4590 (6 CR)
CREDITED FULL RECITAL

Format: Private Instruction 1 Hour, Master Classes

Prereq: MUSC 2111, 2211, MUSC 3500, and approval of the Department. Students intending to register for MUSC 4590 must attain at least A- in MUSC 3500, and must have participated in at least one shared recital.

This course involves the preparation and execution of a public recital program of approximately 60 minutes in length under the supervision of the student's Applied Music teacher. The program must be planned and approved by the Department.

MUSC 4613 (3CR)
CHAMBER MUSIC III
Format: Private Instruction 1 Hour
Prereq: MUSC 3613; or permission of the Department

MUSC 4951 (3CR)
SPECIAL TOPICS IN MUSIC
Format: Lecture 3 Hours
Prereq: Completion of the core Music courses in the area of the Special Topics elective; or permission of the Department
Note: This course may be used as a Group B Music Elective in the Bachelor of Music degree.
This course allows students the opportunity to pursue a topic of special interest not covered in other Department of Music courses, or a topic not covered in depth by the course offered.

MUSC 4990 (6CR)
HONOURS THESIS
Format: Independent Study/Thesis
Prereq: Permission of the Department
The content of study is to be determined by the student in conjunction with one or more supervisors of the course.

THE FOLLOWING ARE ONE CREDIT ENSEMBLES:

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

the approaches taken, as well as the sorts of themes pursued and questions raised in these disciplines.

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.

PHIL 1601 (3CR)

PLATO'S REPUBLIC

Format: Lecture 3 Hours

A study of Plato's *The Republic* can serve as an introduction to almost all the issues that are central to our western philosophical tradition.

The problems of virtue (temperance, courage, wisdom), justice, order (social, political and c

PHIL 3221 (3CR)

MODERN PHILOSOPHY: MODERN RATIONALISM & TRADITION

Format: Lecture 3 Hours

Prereq: Three credits from 2000-level Philosophy; or permission of the Department

An investigation of the leading seventeenth century continental thinkers who formulated the great a priori systems. The capacity and function of human reason fully to understand the world is a theme common to these thinkers, and constitutes one of the major concerns of the course, a concern balanced by investigation of why these systems have reached

PHIL/RELG 3891 (3CR)

INDIAN PHILOSOPHY

Format: Lecture 3 Hours

Prereq: Three credits from 2000-level Philosophy; or permission of the Department

Note: This course is cross-listed as RELG 3891 and may therefore count as three credits in either discipline.

A study of selected primary sources in the Indian philosophical tradition, from the *Vedas* and *Upanishads* to the recent work of thinkers like S. Radhakrishnan. Topics usually include the nature of reality, moral obligation, Divinity, selfhood and freedom, the philosophy of love, and various social and political issues.

PHIL 4101 (3CR)

ADVANCED ANCIENT AND MEDIEVAL PHILOSOPHY

Format: L

PHYSICS

Physics seeks to describe the nature of the physical world. The most fundamental of the natural sciences, it forms an essential part of any serious program of

PHYS 1551 (3CR)

GENERAL PHYSICS II

Format: Integrated Lecture/Collaborative Learning/Laboratory, 6 Hours

Prereq: PHYS 1051 and MATH 1111; or permission of the Department

Note: MATH 1111 may be taken as a Corequisite w

PHYS 3321 (3CR)

ANALOG ELECTRONICS AND SIGNAL PROCESSING

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: PHYS 1551 and PHYS 2801; or permission of Department

This is a course in analog electronics and in analog signal processing, and would be valuable both for those planning to go on in technical careers and for scientists who wish to develop tools for the collection and analysis of data. Topics include impedance matching considerations, semiconductor physics, pn junction diodes, AC circuit analysis, passive filter designs, DC power supply construction including regulation, junction and field effect transistors and transistor amplifier circuits, operational amplifiers, active filter designs, signal conditioning circuits such as Schmitt trigger, modulation and demodulation, noise (sources, frequency characteristics, and control measures), integrating sensors and electronics, practical issues in electronics, and an introduction to the photonic transition.

PHYS/COMP 3361 (3CR)

DIGITAL SIGNAL PROCESSING AND ELECTRONICS

Format: Lecture 3 Hours, Laboratory 3 Hours

Prereq: COMP 1631 and PHYS 1551; or permission of the Department

Note: This course is cross-listed with COMP 3361 and may therefore count as three credits in either discipline.

This course introduces students to both digital electronic circuits and digital signal processing, and would be valuable both for those planning to go on in technical careers in computer science or in physics, and for scientists who wish to develop tools for the collection and analysis of data. Topics to be covered include digital logic gates, Boolean algebra, counting circuits, digital signal conditioning

PHYS 3751 (3CR)
PHYSICS OF ENERGY PRODUCTION AND TRANSFER
Fo

PHYS 4911 (3CR)
CURRENT TOPICS IN PHYSICS

Format: Seminar

Prereq: PHYS 3811; or permission of Department

This course will introduce students to current topics and trends in physics which are not represented in other courses in the curriculum. This will be a seminar format course with sessions led by students, faculty and guest speakers. A key part of the course will be development of skills for identification and critical evaluation of primary literature in physics.

PHYS 4950/4951 (6/3CR)
SPECIAL TOPICS

Format: Independent Study/Term Paper

Students may select up to two three credit courses or one six credit course from topics to be approved by the Department. This choice is normally available only to fourth year Physics students.

PHYS 4990 (6CR)
HONOURS THESIS

Format: Independent Study/Thesis

Normally, a student electing this course is expected to accomplish work equivalent to any fourth year course. Students are encouraged, but not required, to work on the project in the Department during the summer immediately preceding the senior year. The topic often involves experimental work, but must have a theoretical component.

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."

At Mount Allison, courses in Political Science fall into four sub-disciplines: Political Theory, Canadian Politics, Comparative Politics, and International Politics. The depar

POLITICAL SCIENCE 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 or Program Co-ordinator must be obtained.

POLS 1001 (3CR) FOUNDATIONS OF POLITICS

Format: Lecture 3 Hours
Exclusion: POLS 1000

This course is an introduction to the foundations of politics through the medium of political theory, Canadian politics, comparative politics, or international politics.

POLS 2001 (3CR) DEMOCRATIC THOUGHT

Format: Lecture 3 Hours
Prereq: POLS 1000 or 1001; or permission of the Department
Exclusion: Any version of POLS 2001 previously offered with a different title

This course examines democratic thought from its origins in the ancient polis through to its modern incarnation in the writings of Rousseau, Tocqueville, John Stuart Mill and selected contemporary theorists. It places particular emphasis on the conflict between participatory and elite models of democratic citizenship.

POLS 2101 (3CR) CANADIAN GOVERNMENT AND POLITICS

Format: Lecture 3 Hours
Prereq: POLS 1000 or 1001; or permission of the Department

This course is a study of the political process in Canada. It presents an overview of the constitution, institutions, and political actors that represent the essential components of Canada's political culture and government.

POLS 2201 (3CR) GOVERNMENT OF THE U.S.A.

Format: Lecture 3 Hours
Prereq: POLS 1000 or 1001; or permission of the Department

This course is a study of political institutions and practices in the United States of America.

POLS 2211 (3CR) CANADA AND THE WORLD

Format: Lecture 3 Hours
Prereq: POLS 1000 or 1001; or permission of the Department
This course is a critical analysis of Canada's place in a rapidly evolving global order. It places particular emphasis on media technology.

POLS/INLR 2301 (3CR) TOPICS IN INTERNATIONAL RELATIONS

Format: Lecture 3 Hours
Prereq: POLS 1000 or 1001; or permission of the Department
Note: This course is cross-listed as INLR 2301 and may count as 3 credits in either discipline.

This course is a study of the major issues and themes in international relations, including the nature of war and the conditions of peace.

POLS 3001 (3CR) ANCIENT POLITICAL THOUGHT

Format: Lecture 3 Hours
Prereq: Six credits in Political Science at the 2000 level, or POLS 1000; or permission of the Department
Exclusion: Any version of POLS 3001 previously offered with a different title

This course examines the ancient tradition of political thought from Plato, Aristotle, and Augustine through to its eclipse in Machiavelli. It emphasizes the enduring themes of nature, virtue, citizenship, property, religion and the best regime.

POLS 3001 (3CR)
MR555.53sNITIC

POLS 3

POLS 3081/3181/3281/3381 (3CR)

INTERMEDIATE SELECTED TOPICS IN POLITICAL SCIENCE

Format: Lecture 3 Hours

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

This is an intermediate course which focuses on topics not covered by current course offerings in Political Science, or topics not covered in depth in the courses offered.

POLS 3101 (3CR)

POLITICAL LEADERSHIP IN CANADA

Format: Lecture 3 Hours

Prereq: Six credits in Political Science at the 2000 lev

POLS 4100 (6CR)

POLITICAL PARTIES AND INTEREST GROUPS

Format: Seminar 3 Hours

Prereq: Three credits from POLS 3101, 3111 and 3121 or POLS 3100;
or permission of the Department

An examination of political parties, party systems, and interest groups,
primarily from a Canadian perspective. Topics covered include: a review
of the principal mo

PSYCHOLOGY

Psychology is the scientific study of mind and behaviour. It is a biological, a social, and a cognitive science. As a biological science, it studies the physiological mechanisms and e

PSYC 2431 (3CR)
CHILD AND

PSYC 3201 (3CR)

MEMORY

Format: Lecture 3 Hours, Laboratory 1.5 Hours

Prereq: PSYC 1001 and 1011 and at least 2 courses in Psycholog

PSYC 3511 (3CR)
PSYCHOLOGY OF WOMEN

Format: Lecture 3 Hours

Prereq: PSYC 1001 and 1011 and at least 2 courses in Psychology at the 2000 level plus at least third-year standing; or permission of the Department. Students with a declared minor in Women's Studies, PSYC 1001 and 1011 and at least 3rd year standing can take the Psychology of Women course.

Exclusion: PSYC 2501

This course systematically reviews psychological theories and research findings about women's development. Topics include biological effects on gender development, gender roles, health and reproduction, personality and social interaction, work, sexuality, violence in women's lives, and mental health. The ways that race, ethnicity, class, physical ability, sexual orientation, and age modify women's experience are also considered.

PSYC 3801 (3CR)
EDUCATIONAL PSYCHOLOGY

Format: Lecture 3 Hours

Prereq: PSYC 1001 and 1011 and at least 2 courses in Psychology at the 2000 level plus at least third-year standing; or permission of the Departe

PSYC 4501 (3CR)
SELECTED TOPICS
Format: Seminar 3 Hours
Prereq:

- 6 RELG 2401 and 2801
- 3 RELG 3901
- 6 from RELG 3001, 3101
- 6 from RELG 3501, 3601, or 3701
- 15 from 3/4000 level Religious Studies courses, with at least 6 from
4000 level Religious Studies courses
credits from co

RELG 2841 (3CR)

THE APOCALYPTIC CONSCIOUSNESS

Format: Lecture 3 Hours

Exclusion: RELG 2031

A study of the apocalyptic consciousness in ancient documents and in modern thought, particularly with reference to ideas about the Day of Judgment and Second Coming. In addition to biblical and non-biblical texts, students will reflect on contemporary portrayals of the apocalyptic image in art, literature and film. Modern manifestations of the apocalyptic cult will be explored, with specific reference to cults of expectation.

RELG 3001 (3CR)

HINDUISM

Format: Lecture 3 Hours

Prereq: RELG 2401; or permission of the Department

Exclusion: RELG 3261

A study of Hinduism, examining its origins, history, philosophy, and culture. The course will treat ancient, classical, medieval and modern periods, and conclude with a discussion of the challenges facing contemporary Hinduism.

RELG 3101 (3CR)

BUDDHISM

Format: Lecture 3 Hours

Prereq: RELG 2401; or permission of the Department

Exclusion: RELG 3271

A study of Buddhism, examining its origins, history, philosophy and cult

RELG/HIST 3611 (3CR)

CHRISTIANITY IN THE ROMAN EMPIRE

Format: Lecture 3 Hours

Prereq: RELG 2801 or 2821 or 3601 or third or fourth year History

Major; or permission of the Department

Exclusion: RELG 3601

Note: This course is cross-listed as HIST 3611 and may therefore count as three credits in either discipline.

This course examines the crucial, defining crises of the ancient Christian communities in the social, political, and cultural co

RELG 3901 (3CR)

THEMES AND THEORIES IN RELIGIOUS STUDIES

Format: Lecture 3 Hours

Prereq: RELG 2401, 2801; or, permission of the Department. This is a required course for all Majors and Honours students in Re

RELG 4411 (3CR)

ADVANCED STUDIES IN EASTERN THOUGHT

Format: Seminar 2 Hours

Prereq: RELG 3001 or 3101; or per

SCIENCE

SCIENCE COURSE

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.

SCIE 1001 (3CR)

~~CONTEMPORARY TOPICS IN SCIENCE~~

SOCI 1001 (3CR)
INTRODUCTION TO SOCIOLOGY

Format: Lecture 3 Hours

Exclusion: SOAN 1001

The course is designed to introduce students to the basic concepts of sociology. These concepts include social structure, culture, socialization, deviance, social control, social organization, structured social inequality, and social change. Extensive use is made of examples from the Canadian context.

SOCI 2201 (3CR)
PRIMARY AND SECONDARY SOCIALIZATION

Format: Lecture 3 Hours

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

Exclusion: SOAN 2201; SOCI 3201

This course centres on the relationship between the individual and society. This fundamental sociological theme is considered, mainly using the symbolic interactionist perspective on socialization as a life-long process of learning, with continual implications for identity. The differences between primary and secondary socialization will be a theme recurring throughout the course.

SOCI 2211 (3CR)
GENDER RELATIONS

Format: Lecture 3 Hours

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

Exclusion: SOAN 2211; SOCI 3211

An introduction to the study of gender through an examination of the nature of gender relations. Major theories of the origin and consequences of gender inequality will also be considered. Issues such as reproduction, work, law, violence, and racism are addressed, using cross-cultural examples.

SOCI 2531 (3CR)
EDUCATION AND SOCIETY

Format: Lecture 3 Hours

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

Exclusion: SOAN/SOCI 4531

This course explores the sociology of education in Canada. Topics covered include educational credentialism; education and social mobility; access to post-secondary education; the increasing significance of professionalism; educational institutions; and educational subcultures.

SOCI 3001 (3CR)
THEORETICAL FOUNDATIONS OF SOCIOLOGY

Format: Lecture 3 Hours

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

Exclusion: SOAN 3001

A critical review of the perspectives developed in the first and second generations of sociology in Europe, with special emphasis on the ideas of Auguste Comte, Herbert Spencer, Karl Marx, Max Weber and Emile Durkhe

SOCI 3301 (3CR)

SOCIOLOGICAL RESEARCH METHODS

Format: Lecture/Group Projects/Laboratory 3 Hours

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

Exclusion: SOAN 3301

This is a course in sociological research methodology, including a
consideration of questions of social epistemology and research design.
Students wil

SOCI 4031 (3CR)

FEMINIST PERSPECTIVES

Format: Lecture/Group Projects 3 Hours

Prereq: SOCI 3001, 3011, 3301; or permission of the Department

Exclusion: SOAN 4031

This advanced seminar course examines the nature of feminist methodological approaches and theoretical analyses. Students will explore feminist contributions on a variety of issues.

SOCI 4101 (3CR)

CLASS, STATUS AND PARTY

Format: Seminar 3 Hours

Prereq: SOCI 3001, 3301 and 3 additional 3000 level credits in

Sociology; or permission of the Department

Exclusion: SOAN 4101

An advanced discussion o

SOCIOLOGY / ANTHROPOLOGY

Interdisciplinary Program

In everyday life, people concern themselves with various features of the world which they describe as social. Our interest in the social dimension of life is reflected in the many university disciplines dealing with some aspect of it. Sociology and Anthropology differ from other forms of inquiry in the extent to which study focuses on social phenomena and rests on the common general assumptions of the two disciplines that social life is most significantly structured by social forces. The program is designed to develop an awareness of social and cultural processes and forms, emphasizing what it means to think sociologically and anthropologically. As in all areas of serious study, the two disciplines involve a number of different approaches, and the program is designed to provide students with a good grasp of these various perspectives. Most courses offered also integrate material from Sociology and Anthropology.

MAJOR in Sociology / Anthropology is 60 credits earned as follows:

- 6 from SOCI 1001, ANTH 1011
- 6 from Sociology and/or Anthropology at the 2000 level
- 3 from SOCI 3301 or ANTH 3311
- 6 from SOCI 3001, 3011, 4001, 4031, ANTH 3021, 3031, 4021
- 3 from ANTH 3801, 3821, 3831, 3841, 3851, 3861, 3871
- 6 from Sociology and/or Anthropology at the 3/4000 level
- 6 from Sociology and/or Anthropology at the 4000 level
- 6 further credits in Sociology and/or Anthropology
- 18 credits from complementary courses in Social Science, Humanities, Arts and Letters, and Psychology or MATH 2311, 2321, 3311, 3321 chosen in consultation with the Program Advisor

HONOURS in Sociology/Aanthropology (Thesis Option) is 66 credits earned as follows:

- 42 credits as in the first eight lines of the Major, plus:
- 3 additional credits from ANTH 3021, 3031, 3311, 4021, 4311, SOCI 3001, 3011, 3301, 4001, 4031
- 15 from Sociology and/or Anthropology at the 3/4000 level, including 6 from the 4000 level, chosen in consultation with the Program Advisor
- 6 from SOCI 4990 or ANTH 4990

HONOURS in Sociology/Aanthropology (Course Option) is 66 credits earned as follows:

- 42 credits as in the first eight lines of the Major, plus:
- 9 further credits from SOCI 3001, 3011, 3301, 4001, 4031, ANTH 3021, 3031, 3311, 4021, 4311
- 15 further credits from Anthropology and/or Sociology at the 3/4000 level, including 9 from the 4000 level, chosen in consultation with the Program Advisor

SPANISH STUDIES

See Modern Languages and Literatures, Hispanic Studies

WOMEN'S STUDIES

Women's Studies is an interdisciplinary program with a critical focus on social, cultural, economic, and political issues from the perspective of gender. Drawing on a substantial body of scholarship that challenges many of the assumptions and methods of traditional academic disciplines, Women's Studies creates new perspectives from which all students may analyze such issues as work, health, sexuality, violence, family, race, class and ethnicity. The curriculum of the Minor in Women's Studies includes core courses in Women's Studies and elective courses in the following departo

10 CO-CURRICULAR LIFE

10.1 THE STUDENT UNION

The Student Union of Mount Allison is governed by the Students' Administrative Council (SAC). This a body of elected and appointed persons who represent, organize, and plan for the interests of the students. However, the wider Mount Allison community benefits from many of the activities the SAC pursues.

The SAC represents the students through council with representatives from on and off campus, and the six me

10.13.2 Academic Concerns

Students with academic concerns are encouraged to speak first with their professors and/or with the Academic and Career Counsellor, or with the Head of the Department or appropriate academic Dean.

10.13.3 Academic Support

Assistance with academic skills is provided through Student Life; support and assistance is available on a group or individual basis. Topics addressed include: memory, time and lifestyle management, note-making, writing, preparing for and writing examinations, and motivation. For details please contact the Academic and Career Counsellor.

10.13.4 Writing Resource Centre

Student Life offers help to students who are experiencing problems expressing themselves in writing. The Writing Resource Centre is conducted on a one-to-one basis and may be accessed through Student Life.

10.14 STUDENT LIFE RESOURCES

10.14.1 Personal Counselling

The demands of studies can be particularly stressful when students encounter additional challenges of health, family, relationships or other life issues. Mount Allison provides two accredited Personal Counsellors, from whom students may receive confidential support and assistance for a variety of personal issues including anxiety, depression, alcohol or drug use, sexuality, relationships, sexual assault, family dysfunction and grief. The need for psychiatric and other mental health services can be accessed through the personal counsellors.

In emergencies students may contact Student Life during office hours, or the Sackville Hospital.

10.14.2 Sexual Harassment

The University's Sexual Harassment Advisor is available to provide education on sexual harassment and assault and to receive complaints from students, staff and faculty. The Advisor has copies of the University's policies and upon request will advise those who contact her about the options available both on and off campus.

10.14.3 Career Choice Concerns

The University Career Resource Centre is located in the Student Life Office and houses information on graduate and professional programs, careers, study, volunteer, and work abroad programs. Information is available on occupational profiles, labour market trends, resumé writing, job search techniques and preparing for interviews. Workshops are also available on career related issues throughout the academic year. The Academic and Career Counsellor offers guidance with career exploration through individual career counselling and interest and skill surveys which help students answer the questions such as the following:

What career do my abilities lead to?

What career or study path do my interests lead to?

What can I do with my undergraduate degree?

Where should I go to pursue this career?

What does the future hold for the profession I am interested in?

10.14.4 Employment

All job postings received by the Academic and Career Counsellor are posted on <<http://www.workopolisCampus.com>> which is a free web service accessible to all students. Some hard co

10.14.8 Lifestyle Concerns

Information, materials and programs on health, lifestyle choices, stress management, sexuality, birth control, AIDS, sexually transmitted diseases, alcohol,

11 GENERAL INFORMATION

11.1 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 world on-line and through book and periodical collections. They are committed to working with students and faculty to promote information literacy - accessing, critically evaluat

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 Canadian Studies.

JULIA COLPITTS MEMORIAL FUND

A fund established in memory of Julia T. Colpitts, 1899, by her brother, Edwin H. Colpitts, 1893. The income from this fund is used to purchase Mathematics books .

THOMAS EARLE COLPITTS MEMORIAL FUND

A fund established in 1969 to commemorate the teaching career of Thomas Colpitts, class of 1879, by his granddaughter, Dr. Olga Bishop, class of 1938, to be used to purchase books in the field of Education.

THE CONNECTICUT RIVER VALLEY ALUMNI

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.,

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 scanner

12 PERSONNEL

12.1 OFFICERS OF THE UNIVERSITY

CHANCELLOR

John Bragg

Christopher Durrant
Robin MacNearney
Abigail McGillivray
Shannon Milroy
Katie Saulnier

ASSOCIATE MEMBERS

Ronald G. Byrne, Vice-President Student Affairs
Jack Drover, Athletic Director
Marianne Greene, President, S.A.C.
Eileen Herteis, Purdy Crawford Teaching Centre
Dara MacDonald, Vice-President Academic Affairs, S.A.C.
Valerie Narayana, Faculty Council Executive 2007-2009
John David Stewart, Vice-President Administration
Deborah Wills, Faculty Council Executive 2007-2009

12.4 OFFICERS OF ADMINISTRATION

President and Vice-Chancellor
Robert M. Campbell, B.A., M.A., Ph.D.
Secretary to the Board of Regents and NAC
Linda R. Wheaton
Vice-President, Academic and Research
Stephen McClatchie, B.Mus., Ph.D.
Vice-President, Administration
John David Stewart, B.Sc., LL.B.
Vice-President, External Relations
Gloria Jollymore, B.A., M.B.A.
Vice-President, Student Affairs
Ronald G. Byrne, B.A., LL.B.
Dean of Arts
Hans vanderLeest, B.A., M.A., Ph.D.
Dean of Social Sciences
Robert E. Summerby-Murray, A.T.C.L., B.A., M.A., Ph.D.
Dean of Science
Jeff Ollerhead, B.Sc., M.Sc., Ph.D.
Dean of Students
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Harris, Jennifer, B.A. (Western Ontario); M.A., Ph.D. (York); Assistant
Professor

Lapp, Robert, B.A., M.A. (Toronto); Ph.D. (Dalhousie); Associate
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MacMillan, Carrie, B.A. (New Brunswick); M.A. (Dalhousie); Ph.D.
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Rogers, Janine, B.A., M.A., Ph.D. (McGill); Associate Professor

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Weiss, J

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International Relations: Strain, John Frank, B.A. (Prince Edward Island), M.A. (New Brunswick); Ph.D. (Manitoba); Professor and Co-ordinator of International Relations

Women's Studies: Hammond Callaghan, Marie, B.A., B.Ed. (Mount Allison); M.A. (Ontario Institute for Studies in Education, Toronto); Ph.D. (Dublin); Assistant Professor

Women's Studies: Naylor, Elaine, B.A. (Evergreen State); M.A., Ph.D. (York); Associate Professor and Co-ordinator of Women's Studies Program

12.10.2 Librarians

Cannon, Anita, B.A. (York); M.L.S. (Toronto); Associate Librarian

Edwards, Rhianna, B.A. (MTA) M.A.S. (UBC); University Archivist

Ennals, Cheryl, B.A. (Guelph); B.L.S. (Toronto); Archives Cert. (Public Archives of Canada); University Archivist

Fancy, Margaret, B.A., M.L.S. (Western Ontario); Special Collections Librarian

Gnassi, Bruno, B.A. (Montréal); M.L.S. (McGill); University Librarian

Gullikson, Shelley, B.A. (Toronto); M.L.I.S. (Dalhousie); Assistant Librarian

Higham, Peter, B.A., M.Mus (Alberta); M.L.S. (British Columbia); L.R.A.M. (London); Librarian

Lilburn, Jeff, B.A. (McGill); M.A. (Western Ontario); M.L.I.S. (McGill); Assistant Librarian

Macpherson, Ruthmary, B.Sc. (Mount St. Vincent); M.L.S. (Dalhousie), M.B.A. (Moncton); Associate Librarian

McNally, Brian, B.Sc., B.Ed., M.A. (New Brunswick); M.L.S. (M

APPENDIX

1 LECTURESHIPS, TRUSTS AND FELLOWSHIPS

1.1 The Josiah Wood Lectureship

This lectureship was founded and endowed in the autumn of 1925 by the Hon. Josiah Wood, D.C.L., a member of the first Mount Allison class.

The Wood lecturers have included Sir George E. Foster, Sir Robert Falconer, Dr. T.R. Glover, Rev. Lloyd Douglas, James Irvine, Rev. H.J. Cody, Dr. Alfred Noyes, Rev. Richard Roberts, Frank Parker Day, Sir Robert Boothby, Hon. Vincent Massey, Lord Bridges, Dr. Wilder Penfield, Dr. G.P. Grant, the Hon. Robert Stanfield, Dr. John Kenneth Galbraith, and the Hon. Dr. Flora MacDonald.

1.2 The Bronfman Lecture Series

This lecture series was established in 1979, through the generosity of the Samuel and Saidye Bronfman Foundation. With the endowment of a fund to provide for the invitation to campus o

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. Winthrop Bell, donated the Mount Allison C

S.T.B., M.A., Ph.D., Professor of Chemistry; in 1999 to Roger Calkins, B.A., M.A., Ph.D., Professor of English; in 2000 to Robert Summerby-Murray, B.A., M.A., Ph.D., A.T.C.L., Assistant Professor of Geography; in 2001 to Dennis Tokaryk, B.Sc., M.Sc., Ph.D., Assistant Professor of Physics; in 2002 to Deborah Wills, B.A., M.A., Ph.D., Associate Professor of English; in 2003 to Robert Lapp, B.A., M.A., Ph.D., Associate Professor in English; in 2004 to Ivan Cohen, B.A., M.A., Ph.D., Associate Professor of Classics; in 2005 Nancy F. Vogan, B.A., M.Mus., Ph.D., Professor of Music; in 2006 to Erin Steuter, B.A., M.A., Ph.D., Associate Professor of Sociology; and in 2007 to Louise Wasylkiw, B.A., M.A., Ph.D., Associate Professor of Psychology.

3.2 Imasco Paul Paré Medal and Awards of Excellence

In 1995 Paul Paré Medal to Jean-Guy Godin; Paul P

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
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Mary Margaret (Peggy Mackenzie) Irvine Scholarship
R.A. Jodrey Scholarship
Allison Hertz Johnson Scholarship
Eileen Elizabeth Hesler Memorial Scholarship
Margaret Elva Hesler Memorial 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 Music
Grace Annie Lockhart Memorial Scholarship
London Life Business Education Scholarship
Rouie Adair Long Scholarship
Rouie Adair Long Student Research Award
Erma Westhaver Loomis Scholarship
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Class of '61 Bursary
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Class of '73 Travel Bursary
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6 PRE-THEOLOGICAL FUNDS

Through the generosity of donors over the years, the following endowed funds are available:

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