

## 28 English

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Chair — M. Kilgour

### 28.1 Staff

#### *Emeritus Professors*

L. Dudek; B.A.(McG.), A.M., Ph.D.(Col.) (*David J. Greenshields Emeritus Professor of English*)  
J. Hemlow; M.A., LL.D.(Qu.), A.M., Ph.D.(Harv.) F.R.S.C.  
A. Lucas; M.A.(Queen's), A.M., Ph.D.(Harv.)  
M. Puhvel; B.A., M.A.(McG.), Ph.D.(Harv.)  
D. Suvin; B.A., M.Sc., Ph.D.(Zagreb), F.R.S.C.  
W.C. Wees; B.A.(Northwestern), M.A.(Roch.), Ph.D.(Northwestern)

#### *Professors*

M.D.Bristol; A.B.(Yale), Ph.D.(Prin.)  
M. Dorsinville; B.A., M.A.(Sher.), Ph.D.(C.U.N.Y.)  
M.A. Kilgour; B.A.(Tor.), Ph.D.(Yale)  
R. Lecker; B.A., M.A., Ph.D.(York)  
K. McSweeney; B.A., Ph.D.(Tor.)  
P.H. Ohlin; Fil. Mag.(Stockholm), M.A., Ph.D.(New Mexico)  
M. Stenbaek; B.A.(Copenhagen), M.A., Ph.D.(Montr.)  
L.E. Troide; B.A., M.Phil.(Yale), M.A.(Col.) Ph.D.(Yale)  
D. Williams; B.A.(Boston), M.A., Ph.D.(Tor.)

#### *Associate Professors*

K. Borris; B.A.(Vic., B.C.), Ph.D.(Edin.)  
D.A. Bray; B.A.(McG.), Ph.D.(Edin.)  
C.A. Conway; B.A., M.A., Ph.D.(Tor.)  
M.N. Cooke; B.A.(Queen's), M.A.(C'nell.), M.A., Ph.D.(Tor.)  
P. Gibian; B.A.(Yale), M.A.(N.Y.), Ph.D.(Stan.)  
D.C. Hensley; B.A., M.A.(Cantab.), Ph.D.(Yale)  
B. Kaite; B.A.(C'dia), M.A.(McM.), Ph.D.(Carl.)  
L. Lieblein; B.A.(C.C.N.Y.), A.M., Ph.D.(Roch.)  
P. Neilson; B.A.(Bishop's), M.F.A.(Calg.)  
T. O'Toole; A.B.(Harv.), M.A.(Chic.), Ph.D.(Harv.)  
T. Ponech; B.A.(McG.), Ph.D.(Northwestern)  
D. Salter; B.A.(Br.Col.), M.A., Ph.D.(Tor.)  
M.W. Selkirk; B.A.(Alta), M.F.A.(Ill.)  
B. Trehearn; B.A., M.A., Ph.D.(McG.)

#### *Assistant Professors*

S. Carney; B.A.(Manit.), M.A.(Alta.), Ph.D.(York)  
W. Folkerth; B.A.(Calif. State), M.A., Ph.D.(McG.)  
A. Hepburn; B.A., M.A.(W.Ont.), Ph.D.(Princeton)  
M. Hickman; B.A.(Brown), M.A., Ph.D.(Mich.)  
M. Nash; B.A.(W.Ont.) B.A.Hons.(Brock), M.A.(Br.Col.), Ph.D.(Iowa)  
J. Treadwell; B.A., M.A., D.Phil.(Oxford)

### 28.2 Programs Offered

Master's and Ph.D.

All students who apply will be considered for support which normally takes the form of a Teaching or Research Assistantship.

### 28.3 Admission Requirements

A statement of proposed research, transcripts, writing sample and two letters of recommendation are required of all applicants.

### M.A. Degree

Admission to the M.A. program requires an Honours degree in English or its equivalent. Outstanding applicants from related disciplines may be invited to take a qualifying year.

### Ph.D. Degree

Admission to the doctoral program is highly competitive. Outstanding applicants with an Honours B.A. in English or equivalent may be admitted to the first year of the Ph.D. program (the Accelerated Ph.D.). In the first year, students in the Accelerated Ph.D. follow the M.A. program (Thesis Option). After an evaluation at the end of the first year, students whose progress has been satisfactory go on to complete the remaining requirements of the Ph.D. program. A student whose performance has indicated difficulty in successfully completing the Ph.D. will be asked to transfer into the M.A. program. Students who continue in the Ph.D. program but wish at the same time to complete the M.A. may use the summer to do so. Students accepted into the Accelerated Ph.D. are free to transfer after the first year into the terminal M.A. program. Applicants with an M.A. in English enter directly into the second year of the program.

### 28.4 Application Procedures

Applications will be considered upon receipt of:

1. application form;
2. transcripts;
3. two letters of reference;
4. \$60 application fee;
5. a writing sample;
6. statement of proposed research.

All information is to be submitted directly to the Graduate Coordinator.

Applications close February 1.

### 28.5 Program Requirements

A detailed description of the program requirements, course offerings, and faculty can be found at [www.arts.mcgill.ca/programs/english/](http://www.arts.mcgill.ca/programs/english/).

### M.A. Degree

The Department offers two options towards the M.A. degree, one with a thesis and the other without thesis. Both options consist of 48 credits and are designed to be completed in four terms (of 12 credits each), but it is possible to complete the program in three terms, or one calendar year.

The two programs are similar; the non-thesis option substitutes two seminars and a research paper for the thesis. Both options require participation in a series of sessions on bibliography and research methods.

### Ph.D. Degree

Doctoral students are expected to complete in their first year (Ph.D.2) the two halves of the compulsory proseminar and four other courses, but may substitute for the two second-semester courses one extended supervised research project. This course work must be chosen in order to make possible the identification of a major and a minor area of concentration. In Ph.D.3, candidates complete a compulsory research project in the area of the dissertation and submit the dissertation proposal. The language requirement must be fulfilled before the dissertation proposal is approved.

It is the policy of the Department to urge candidates to complete the Ph.D. program within four years. A candidate intending to submit the thesis to meet the deadline for Spring Convocation must give notice of this intention before January 1. A candidate intending to meet the deadline for Fall Convocation must give such notice before May 1.

## 28.6 Courses for Higher Degrees

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The following is a list of all courses in English approved for offering at the graduate level. A list of courses to be given in 2001-02 will be available from the Departmental office. Courses at the 500 level are also open to advanced undergraduates. A maximum of two courses at the 500 level may be taken by Masters students.

The names of course instructors are listed on the Course Timetable available on *infoMcGill* via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.

- 110-500A MIDDLE ENGLISH. (3)
- 110-501A,B 16TH CENTURY. (3)
- 110-502A,B 17TH CENTURY. (3)
- 110-503A,B 18TH CENTURY. (3)
- 110-504A,B 19TH CENTURY. (3)
- 110-505A,B 20TH CENTURY. (3)
- 110-516A,B SHAKESPEARE. (3)
- 110-525A,B AMERICAN LITERATURE. (3)
- 110-527A,B CANADIAN LITERATURE. (3)
- 110-528A,B CANADIAN LITERATURE. (3)
- 110-530A,B LITERARY FORMS. (3)
- 110-531B LITERARY FORMS. (3)
- 110-533A,B LITERARY MOVEMENTS. (3)
- 110-535A,B LITERARY THEMES. (3)
- 110-540A,B LITERARY THEORY I. (3)
- 110-541A,B LITERARY THEORY II. (3)
- 110-553A,B OLD ENGLISH LITERATURE. (3)
- 110-555A,B OLD NORSE. (3)
- 110-565D MEDIEVAL DRAMA WORKSHOP. (6)
- 110-566A,B STUDIES IN DRAMA. (3)
- 110-568D STUDIES IN DRAMATIC FORM. (6)
- 110-585A,B MODES OF COMMUNICATION I. (3)
- 110-586A,B MODES OF COMMUNICATION II. (3)
- 110-587A THEOR. ISSUES: ST. COMMUN & CULTURE. (3)
- 110-602A,B BIBLIOGRAPHY (3)
- 110-604A,B OLD ENGLISH LANGUAGE AND PROSE LITERATURE. (3)
- 110-607A,B MIDDLE ENGLISH LITERATURE (3)
- 110-608A CHAUCER I. THE CANTERBURY TALES. (3)
- 110-609B CHAUCER II. TROILUS AND CRISEYDE AND OTHER POEMS. (3)
- 110-615A,B SHAKESPEARE. (3)
- 110-616A,B ELIZABETHAN AND JACOBAN DRAMA. (3)
- 110-640B THE AMERICAN NOVEL. (3)
- 110-661A,B SEMINAR OF SPECIAL STUDIES. (3)
- 110-662A,B SEMINAR OF SPECIAL STUDIES. (3)
- 110-665A,B STUDIES IN AMERICAN LITERATURE AND INTELLECTUAL HISTORY. (3)
- 110-675A,B LITERARY CRITICISM. (3)
- 110-680A,B CANADIAN LITERATURE. (3)
- 110-681A,B M.A. RESEARCH PAPER PREPARATION I. (3)
- 110-682A,B M.A. RESEARCH PAPER PREPARATION II. (3)
- 110-683A,B M.A. RESEARCH PAPER PREPARATION III. (3)
- 110-684D,N,K,E,C,L,T M.A. RESEARCH PAPER. (15)
- 110-687A,B RESEARCH SEMINAR. (3)
- 110-690A,B SEMINAR OF SPECIAL STUDIES. (3)
- 110-694A BIBLIOGRAPHY AND RESEARCH METHODS. (3)

- 110-695A,B M.A. THESIS PREPARATION I. (3)
- 110-696A,B M.A. THESIS PREPARATION II (3)
- 110-699D,N,K,E,C,L,T M.A. THESIS. (24)
- 110-708A,B STUDIES IN A LITERARY FORM. (3)
- 110-710A RENAISSANCE STUDIES. (3)
- 110-714A,B RENAISSANCE POETRY. (3)
- 110-716A,B SPECIAL STUDIES IN SHAKESPEARE. (3)
- 110-722A,B MILTON. (3)
- 110-726A,B NARRATIVE PROSE OF THE 18TH CENTURY. (3)
- 110-727A,B AUGUSTAN POETRY. (3)
- 110-728B THE LATER 18TH CENTURY. (3)
- 110-730A,B ROMANTIC THEORY AND POETRY. (3)
- 110-731A 19TH CENTURY STUDIES. (3)
- 110-733A,B THE VICTORIAN NOVEL. (3)
- 110-734A,B STUDIES IN FICTION. (3)
- 110-736A,B MODERN POETRY. (3)
- 110-746B THE 19TH CENTURY. (3)
- 110-757A,B MODERN DRAMA. (3)
- 110-761A,B 20TH CENTURY NOVELISTS. (3)
- 110-770B STUDIES IN AMERICAN LITERATURE. (3)
- 110-775B RECENT AMERICAN AND CANADIAN LITERATURE. (3)
- 110-776A,B FILM THEORY. (3)
- 110-785A STUDIES IN LITERARY THEORY. (3)
- 110-786A RESEARCH SEMINAR. (3)
- 110-787A RESEARCH SEMINAR I. (3)
- 110-788B RESEARCH SEMINAR II. (3)

### Courses Restricted to Ph.D. Candidates

- 110-796A,B OPTIONAL RESEARCH PROJECT. (6)
- 110-797A,B COMPULSORY RESEARCH PROJECT. (6)
- 110-798A,B DISSERTATION PROPOSAL. (3)

## 29 Epidemiology and Biostatistics

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Website: <http://www.epi.mcgill.ca>

Chair — G. Thériault

### 29.1 Staff

#### Emeritus Professors

M.R. Becklake; B.Ch.Hon., M.D. (Witw.), F.R.C.P.  
F.D.K. Liddell; M.A. (Cantab.), Ph.D. (Lond.)  
J.C. McDonald; M.B. B.S. (Lond.), M.D. (Lond.), M.Sc. (Harvard),  
M.R.C.P. (Lond.), F.R.C.P. (Can)  
W.O. Spitzer; M.D. (Tor.), M.H.A. (Mich.), M.P.H. (Yale),  
F.R.C.P. (C)

#### Professors

L. Abenheim; M.D. (Paris), M.Sc.(McG.)  
R. Battista; B.A., M.D.(Montr.), M.P.H., Sc.D.(Harv.)  
J.F. Boivin; M.D.(Laval), S.M., Sc.D.(Harv.)  
E.L.F. Franco; M.P.H., Dr.P.H.(Chapel Hill)  
J.A. Hanley; B.Sc., M.Sc.(N.U.I.), Ph.D.(Wat.)  
T. Hutchinson; M.B., B.Ch., B.A.O.(Dub.)  
M.S. Kramer; B.A.(Chic.), M.D.(Yale)  
A. Lippman; B.A.(C'nell) Ph.D.(McG.)  
J. McCusker; M.D.(McG.), M.P.H., Ph.D.(Col.)  
O.S. Miittinen; M.D.(Helsinki), M.P.H., M.S., Ph.D.(Minn.)  
I.B. Pless; B.A., M.D.(W.Ont.)

S.H. Shapiro B.S.(Bucknell), M.S., Ph.D.(Stan.)  
 S. Suissa; M.Sc.(McG.), Ph.D.(Flor.)  
 G. Thériault; M.D.(Laval), Dr.P.H.(Harv.)  
 S. Wood-Dauphinee; B.Sc.(Phys.Ther.), Dip. Ed., M.Sc.A.,  
 Ph.D.(McG.)

#### Associate Professors

M. Abrahamowicz; Ph.D.(Cracow)  
 E. Beck; M.B.B.S., B.Med.Sci.(Monash); M.Sc., Ph.D.(London)  
 Y. Bergevin; M.D.C.M., M.Sc.(McG.)  
 A. Ciampi; M.Sc., Ph.D.(Queen's), Ph.D.(Rome)  
 J.P. Collet; M.D.(C.B., Lyon), Ph.D.(McG.)  
 G. Dougherty; M.D., M.Sc.(McG.) (joint appt. with Pediatrics)  
 P. Ernst; M.Sc.(McG.), M.D.(Montr.)  
 T. Gyorkos; B.Sc.(McG.), M.Sc.(Bishop's), Ph.D.(McG.)  
 C. Hankins; B.A., M.D.(Calgary), M.Sc.(London), C.C.F.P.(C),  
 F.R.C.P.(C)  
 L. Joseph; M.Sc., Ph.D.(McG.)  
 T. Kosatsky; B.A., M.D. (Manit.), M.P.H. (Emory) (PT)  
 C.P. Larson; M.D.C.M., M.Sc.(McG.) (joint appt. with Pediatrics)  
 J.D. MacLean; M.D.(Queen's) F.R.C.P.(C)  
 R. Menzies; M.D., M.Sc.(McG.) (joint appt. with Medicine)  
 J. O'Loughlin; B.Sc.(Queen's), M.Sc., Ph.D.(McG.) (PT)  
 G. Paradis; M.D., M.Sc.(McG.) (PT)  
 G.S. Pekeles; M.D.(Baylor), M.Sc.(McG.)  
 J. Pickering; B.A.(Tor.), M.D., M.Sc.(McG.) (joint appt. with  
 Medicine)  
 M. Rossignol; B.Sc., M.D.(Sher.), M.Sc.(McG.)  
 N. Steinmetz; B.Sc., M.D., C.M.(McG.), M.P.H.(Mich.),  
 F.R.C.P.(C)  
 R. Tamblyn; M.Sc.(McM.), M.Sc.(McG.) (*William Dawson Scholar*)  
 (joint appt. with Medicine)  
 P. Tousignant; B.A., M.D.(Laval), M.Sc.(McG.), F.R.C.P.(C) (PT)  
 C. Wolfson; B.Sc., M.Sc., Ph.D.(McG.)

#### Assistant Professors

A. Adrien; M.D., M.Sc. (McG.)  
 P. Barss; B.Sc. (DTM&H Lond.), M.D.(Chic.), M.P.H., Sc.D  
 (Johns H.) (PT)  
 J. Bourbeau; B.Sc., M.D.(Laval), M.Sc.(McG.) (joint appt. with  
 Medicine)  
 P. Brassard; B.Sc.(Montr.), M.Sc.(McG), M.D.(Montr.), FRCPC,  
 CSPQ  
 J. Carsley; B.A.(Yale), MSc., M.D.(McG.)  
 N. Dendukuri; M.Sc.(Indian Inst. of Tech.), Ph.D.(McG)  
 C. Greenwood; B.Sc.(McG), M.Math(Waterloo), Ph.D.(Tor.)  
 R.W. Platt; M.Sc.(Man.), Ph.D. (Wash.)  
 E. Rahme; B.Sc.(Lebanese U.), Ph.D.(Pennsylvania), Ph.D.(McG)  
 Y. Robitaille B.Sc.(Montr.), Ph.D. (McG.) (PT)  
 K. Schwartzman; M.D.(McG.), M.P.H.(Harv.) (joint appt.with  
 Medicine)  
 G. Tan; D.Phil.(Oxon) (PT)  
 T. Tannenbaum; B.A.(Brown), M.D.(Calg.), M.P.H.(Mass.)

#### Adjunct Professors

M. Baltzan, N. Kischuck; *Direction régionale de la santé publique*:  
 R. Allard, R. Lessard, R. Massé, E. Robinson, E. Roy;  
*Hopital Hotel-Dieu*: J. Leloir; *Ministère de la santé*: R. Remis;  
*Inst. Armand Frappier*: J. Siemiatycki; *U. de Montreal*: M. Jenicek,  
 Y. Moride, *U. of Toronto*: M. Hodge

#### Associate Members

*Dentistry*: J. Feine; *Family Medicine*: R. Guibert; *Human Nutrition  
 & Dietetics*: K. Gray-Donald; *Medicine*: A. Barkun, M. Behr,  
 P. Dobkin, M. Eisenberg, K. Flegel, P. Fortin, M. Goldberg,  
 S. Grover, S. Kahn, E. Latimer, N. Mayo L. Pilote; *Pediatrics*:  
 F. Ducharme; *Psychiatry*: N.Frasure-Smith, G.GalbaudduFort;  
*Surgery*: J. Sampalis

#### Lecturer

J. Cox (Family Medicine)

#### Visiting Scientist

J. Bailar; B.A.(Col.), M.D.(Yale), Ph.D.(American University)

## 29.2 Programs Offered

The Department of Epidemiology and Biostatistics offers four programs of study: Diploma, M.Sc. (thesis), M.Sc. (non-thesis) and Ph.D.

Students in the M.Sc. degree programs or the Ph.D. program may choose to follow a general program in epidemiology or specialize in biostatistics.

This year (2001-02), the M.Sc. (non-thesis) program is closed to general registration. Only students who have obtained special permission from the Department can register.

## 29.3 Admission Requirements

Candidates for the Diploma and the M.Sc. degree must hold a bachelor's degree or equivalent, and those for a Ph.D. must hold a Master's degree in epidemiology and biostatistics or its equivalent. Epidemiology as it is practiced today is a highly quantitative field and a good knowledge of differential and integral calculus at the level of a first year undergraduate course is required.

## 29.4 Application Procedures

When application is made to the Department at the M.Sc. level, students should clearly identify which M.Sc. degree they wish to consider.

Completed applications, with all supporting documents, must reach the Department by March 1st of the year to which candidate is applying.

Please download required documents from our website: <http://www.epi.mcgill.ca>, click: Graduate Studies to link to degree programs. For McGill 3/part application form, please email your name/address to: [epid.graduate@mcgill.ca](mailto:epid.graduate@mcgill.ca).

## 29.5 Program Requirements

### Diploma

Students must complete 30 credits, 21 of them in course work. Students must take (or be exempted from) 513-606 and 513-607. The remaining courses, to an overall total of 21 credits, should be chosen in consultation with the student's advisor. In addition, students must submit a Diploma dissertation (513-650: 9 credits) on an approved topic.

### M.Sc. Degrees

The Department offers two programs of study towards an M.Sc. degree, the M.Sc. (thesis) and the M.Sc. (non-thesis). The same courses are available to all students in both programs and there is no difference in intellectual or academic rigor required. The difference lies in the breadth and depth of knowledge acquired. Students must complete a minimum of 48 credits.

Students in the non-thesis option must take (or be exempted from) 513-606, 513-607\*, 513-640, 513-695, 513-621\* and 513-681\*. The remaining credits must include a project (513-630) and a Comprehensive Examination (513-601).

Students in the thesis option must take (or be exempted from) 513-606, 513-607\*, 513-611, 513-640, 513-695, 513-621\* and 513-681\*. The remaining credits must include a 24 credit thesis (690) on an approved subject of research.

NB: Both options: The remaining course work must be in graduate courses chosen in consultation with the student's academic advisor or supervisor.

\* Students (either option) specializing in biostatistics will be required to take 189-556 (4 credits) and 189-557 (4 credits) in place of 513-607/621/681. 513-695 is not required of students in the biostatistics stream. A description of these courses can be found in the Department of Mathematics and Statistics entry.

### Ph.D. Degree

Students must complete (or be exempted from) 513-604D (Graduate Seminar) and may choose other courses in consultation with their supervisors. Students must pass a Comprehensive Examination (701), usually taken in their second year of registration. There-



after students must submit a thesis on an approved subject of research.

## 29.6 Courses

Note: Special students and students from other departments or universities require the permission of the course instructor.

Courses 513-606 and 513-607 are prerequisites for most other courses.

Not all the courses are taught every year and there may be other courses offered. A Fall and Winter time-table showing scheduled courses is available from <http://www.epi.mcgill.ca>, click: Graduate Studies, click: courses (timetable/descriptions).

The names of course instructors are listed on the Course Time-table available on [infoMcGill](http://www.mcgill.ca/students/courses/) via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.

**513-601A,B,D M.Sc. (NON-THESIS) COMPREHENSIVE EXAMINATION.** (5) The examination will be held at the end of the fourth term. It will test students' problem-solving ability and their integration and synthesis of the courses.

**513-604D GRADUATE SEMINARS.** (3) Feedback on the thesis research topic and protocol, and on the planning, organization and delivery of a scientific presentation. (Awaiting University approval - course description change.)

**513-605D COURSE FOR M.Sc. AND Ph.D. CANDIDATES.** (3) Prescribed course of study to meet a candidate's particular requirements.

**513-606A,C INTRODUCTION TO EPIDEMIOLOGY.** (3) This course aims to provide a comprehensive introduction to epidemiologic concepts and corresponding terms. After an introduction to the history, definition, and purposes of epidemiology, "core" concepts that are relevant in several areas of investigation (e.g. etiologic research, health care research, and community medicine practice) will be presented.

**513-607A INFERENCE STATISTICS.** (4) (Prerequisite: A first year course in undergraduate differential and integral calculus.) Introduction to the basic principles of statistical inference used in clinical and epidemiologic research. Topics include variability; methods of processing and describing data; sampling and sampling distributions; inferences regarding means and proportions, non-parametric methods, regression and correlation.

**513-608D ADVANCED EPIDEMIOLOGY.** (3) (Prerequisite: Ph.D. candidates or permission of instructor.) Discussion of methodologic issues in the recent literature, including causal inference, measures of disease frequency, measures of effect, epidemiologic study designs, biases, statistics in epidemiology, and special topics. Discussion of day to day practice of epidemiology. Offered in alternate years or yearly depending on demand.

- **513-610A HEALTH EVENTS IN THE POPULATION.** (2)

**513-611A STUDY DESIGN AND ANALYSIS I.** (3) Measurement principles in epidemiologic studies, including scale selection and questionnaire development. Principles of design and analysis of surveys and surveillance studies, and of intervention studies (experimental and non-experimental). Meta-analysis of intervention studies.

**513-621B DATA ANALYSIS IN THE HEALTH SCIENCES I.** (3) (Prerequisites 513-606, 513-607.) Multivariable and multivariate statistical techniques for continuous outcomes. Topics include multiple regression and analysis of variance.

**513-622B APPLICATIONS OF STATISTICS IN THE HEALTH SCIENCES.** (3) (Prerequisites: 513-607 and 513-621.) Discussion of the statistical issues in a series of medical research problems brought for consultation. Problem recognition and approaches to analysis will be emphasized rather than methodological techniques.

**513-623B RESEARCH DESIGN IN THE HEALTH SCIENCES.** (3) (Prerequisite: 513-606. Restrictions: Diploma/Degree students in Epidemiology and Biostatistics.) Lectures and discussions plus

oral and written presentations by students, to provide guidance and experience in the development of objectives, for the formulation and constructive peer criticism of designs for research in the health sciences, including etiologic and evaluative, cross-sectional, case-reference and cohort studies.

**513-630A,B,D RESEARCH PROJECT IN EPIDEMIOLOGY.** (6) (Restricted to non-thesis M.Sc. students who have completed requirements.) Students will critically assess research and summarize the findings in a research paper on a health related topic from an epidemiologic perspective. Topic to be approved by faculty member who will direct student and evaluate the paper.

**513-631A,B,C,L PHARMACOEPIDEMOLOGY II.** (2) (Prerequisites: 513-633, or instructor's permission, and basic knowledge of epidemiology and biostatistics.) An advanced course on the methodology to be used when confronted with an alleged adverse or beneficial event related to a drug, a vaccine or a biological product. It includes four parts: i) designs for etiologic research; ii) surveillance (modelling, statistical appraisal); iii) hazard functions in pharmacoepidemiology; iv) exposure assessment.

**513-632C,L CLINICAL DECISION MAKING.** (3) (Prerequisite: Clinical degree.) This course will present a framework for rational decision making in the clinical setting. The approach will be quantitative and based on probability theory and decision analysis. The main objective of the course is to enable the student to apply this theory and technique to decision problems involving the individual patient, including problems of differential diagnosis, causality assessment, prognosis and treatment.

**513-633A,B,C,L PHARMACOEPIDEMOLOGY I.** (2) This course is an introduction to epidemiological thinking as it applies to the evaluation of the effects of drugs on the health of populations. It is composed of four parts: i) assessment of adverse event reports; ii) basic designs for pharmacoepidemiologic investigations; iii) data gathering in pharmacoepidemiology; iv) introduction to the use of epidemiologic methods for the assessment of benefits and economic impacts of drugs.

**513-635A CLINICAL TRIALS.** (3) (Prerequisites: 513-606, 513-607) Lectures and discussions on issues, approaches and techniques of clinical trials including assessment of feasibility, ethics, randomization, strengths and weaknesses of alternative designs, sample size requirements, protocol development, trial management and analysis, reporting and interpretation of trial results.

**513-637C,L INFECTIOUS AND PARASITIC DISEASE EPIDEMIOLOGY.** (3) (Prerequisite: 513-606 or equivalent.) This course provides in-depth review of principles of infectious disease epidemiology and illustrates these using local and global infections of current importance. Students will gain an understanding of principles of infectious disease epidemiology and how they apply to infections in both temperate and tropical areas.

**513-640B PRACTICUM.** (1) This course gives students the opportunity to integrate knowledge from and apply principles covered in courses 513-606 and 513-607.

**513-641A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY I.** (1)

**513-642A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY II.** (1)

**513-643A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY III.** (1)

**513-644A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY IV.** (1)

**513-645A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY V.** (1)

Each of these 1-credit courses is designed to give students an overview of a major disease or health problem. Students will develop their knowledge of a topic regarding 1) key definitions, concepts and indicators useful in study of the problem; 2) epidemiology of problem, 3) major studies of interventions designed to address the problem. Topics currently offered include cancer, injury prevention and heart disease but not all are offered in each semester.

**513-647L FUNDAMENTALS OF PHARMACOLOGY FOR EPIDEMIOLOGISTS.** (1) (Prerequisite: 513-606) This course is designed for the epidemiologist who is interested in monitoring patterns of drug use. It will lay out the basic principles of pharmacology and emphasize those areas of drug therapy that have undergone the greatest change in recent years.

**513-650A,B,C,D,L DIPLOMA DISSERTATION.** (9) A scholarly paper tailored to the student's interests and approved by the student's supervisor.

**513-651A,B,C,D,L,T SELECTED TOPICS IN BIOSTATISTICS I.** (1)

**513-652A,B,C,D,L,T SELECTED TOPICS IN BIOSTATISTICS II.** (1)

**513-653A,B,C,D,L,T SELECTED TOPICS IN BIOSTATISTICS III.** (1)

The purpose of these 1-credit courses is to cover specific methodologic topics in more detail than is given in the main courses on statistical methods. The topics to be offered may vary from year to year. Topics currently offered include "Biometric Methods in Occupational Epidemiology" and "Practical Considerations of Statistical Power".

**513-654A,B,C,D,L PHARMACOEPIDEMIOLOGY IV.** (2) (Prerequisites: 513-606, 513-607 or permission of instructor.) The utility of epidemiological techniques for the assessment of drug benefits after their marketing is presented. The course is composed of four parts: (i) methodology of Phase IV studies (efficacy and effectiveness studies); (ii) measurement of quality of life; (iii) evaluation of the economic impact of drugs; (iv) assessment of the effects of drugs and vaccines on the public health system.

● **513-655A EPIDEMIOLOGY IN PUBLIC HEALTH.** (3) (Prerequisites: 513-606, 513-607)

**513-656A,B,C HEALTH CARE TECHNOLOGY ASSESSMENT.** (3) The objectives, principles, and methods of health care technology assessment will be examined and related to the policy process accompanying the diffusion of health care technology.

**513-658A,B,C,D,T,L TOPICS IN BIOSTATISTICS I.** (1) The purpose of this 1-credit course is to cover specific methodologic topics in more detail than is given in the main courses on statistical methods. The topics to be offered may vary from year to year. Topics currently offered include, "Biometric Methods in Occupational Epidemiology" and "Practical Considerations of Statistical Power".

**513-659A,B,C,D,T,L TOPICS IN BIOSTATISTICS II.** (1) The purpose of this 1-credit course is to cover specific methodologic topics in more detail than is given in the main courses on statistical methods. The topics to be offered may vary from year to year. Topics currently offered include, "Biometric Methods in Occupational Epidemiology" and "Practical Considerations of Statistical Power".

**513-660L PRACTICAL ASPECTS OF PROTOCOL DEVELOPMENT.** (3) (Prerequisites: 513-606, 513-607 or equivalent.) The course is designed to give students working in groups the opportunity to develop, under guidance and criticism from instructors and fellow students, a protocol addressing a research question in their field of interest.

**513-661A,B,C,D,L PHARMACOEPIDEMIOLOGY III.** (2) (Prerequisites: 513-631, 513-633 or permission of instructor) In this course, students are confronted with real examples of pharmaco-epidemiologic problems. Flagship studies in pharmacoepidemiology are reviewed in terms of protocol, design issues, data collection, statistical analysis and interpretation of results.

**513-662L HEALTH IN DEVELOPING COUNTRIES.** (3) (Prerequisites: 513-606 or equivalent.) This course will provide an introduction to health issues in developing countries, including major health problems, health determinants and strategies to improve health status. Due emphasis will be given to the primary health care strategy and to the impact of other sectors of development on health. Examples of the work of communities, ministries, non-government organizations and international agencies will be presented and discussed with particular references to issues of burden of disease, effectiveness and efficiency, feasibility, priority setting, sustainability and management.

**513-663A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY VI.** (1)

**513-664A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY VII.** (1)

**513-665A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY VIII.** (1)

**513-666A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY IX.** (1)

**513-667A,B,C,D,T,L SUBSTANTIVE EPIDEMIOLOGY X.** (1)

Each of these courses is designed to give students an overview of major disease or health problem, disease or substantive area. The students will develop their knowledge of the topic regarding 1) The

key definition, concepts and indicators useful in the study of the problem; 2) The epidemiology of the problem, and 3) Major studies of interventions designed to address the problems.

**513-668A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY & BIOSTATISTICS.** (2) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance

**513-669A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY & BIOSTATISTICS.** (2) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**513-670A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY & BIOSTATISTICS.** (2) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**513-671A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY & BIOSTATISTICS.** (2) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**513-672 A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY & BIOSTATISTICS.** (2) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**513-675A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY AND BIOSTATISTICS.** (3) Study, through guided reading, visits, practicals, assignments, etc., of an elected and approved topic of epidemiologic importance.

**513-676A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY AND BIOSTATISTICS.** (3) Study, through guided reading, visits, practicals, assignments, etc., of an elected and approved topic of epidemiologic importance.

**513-677A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY AND BIOSTATISTICS.** (3) Study, through guided reading, visits, practicals, assignments, etc., of an elected and approved topic of epidemiologic importance.

**513-678A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY AND BIOSTATISTICS.** (3) Study, through guided reading, visits, practicals, assignments, etc., of an elected and approved topic of epidemiologic importance.

**513-679A,B,C,D,L SPECIAL TOPICS IN EPIDEMIOLOGY AND BIOSTATISTICS.** (3) Study, through guided reading, visits, practicals, assignments, etc., of an elected and approved topic of epidemiologic importance.

**513-680A,B COMPUTATION INTENSIVE STATISTICS.** (4) (Prerequisites: 189-556, 189-557 or permission of instructor.) (Restrictions: Not open to students who have taken or are taking 189-680.) Introduction to a statistical computing language, such as S-PLUS; random number generation and simulations; EM algorithm; bootstrap, cross-validation and other re-sampling schemes; Gibbs sampler. Other topics: numerical methods; importance sampling; permutation tests.

**513-681A,B,C DATA ANALYSIS IN THE HEALTH SCIENCES II.** (3) (Prerequisites: 513-606, 513-607, 513-621, 513-695) Univariate and multivariate statistical techniques for categorical and survival data. Topics include logistic regression, generalized linear models, and survival analysis.

**513-686A,B SURVIVAL ANALYSIS.** (4) (Restrictions: Not open to students who have taken or are taking 189-686. Prerequisites: 189-556, 189-557, or permission of instructor.) Parametric survival models. Nonparametric analysis: Kaplan-Meier estimator and its properties. Covariates with emphasis on Cox's proportional hazards model. Marginal and partial likelihood. Logrank tests. Residual analysis. Homework assignments a mixture of theory and applications. In-class discussion of data sets.

**513-690A,B,C,D M.Sc. THESIS.** (24)

**513-693C STATISTICAL INFERENCE I.** (2) (Prerequisite: A first year course in undergraduate differential and integral calculus.) Introduction to the basic principles of statistical inference used in clinical

cal and epidemiologic research. Topics include variability; methods of processing and describing; sampling and sampling distributions; inferences regarding means. Together with course number 513-694, equivalent to 513-607.

**513-694L STATISTICAL INFERENCE II.** (2) (Prerequisite: A first year course in undergraduate differential and integral calculus.) Continuation of course number 513-693. Introduction to the basic principles of statistical inference used in clinical and epidemiologic research, including proportions, non-parametric methods, regression and correlation. Together with course number 513-693, equivalent to 513-607.

**513-695B,L PRINCIPLES OF STUDY DESIGN II.** (3) (Prerequisites: 513-606, 513-607, 513-611) Principles of design and analysis of etiologic studies.

**513-697A,B,C,L** (3) Applied Linear Models. Multiple regression, analysis of variance and analysis of covariance models will be presented under the general framework of linear models. Both theory and applications to medicine and epidemiology will be presented. Topics include model selection, diagnostics and validation.

**513-701A,B,C,D,L PH.D. COMPREHENSIVE EXAMINATION.** The comprehensive examination is a written examination. The objective is to assess the degree to which students have been able to assimilate and apply the principles of epidemiologic research. Examinations held twice yearly.

#### COURSES OFFERED ONLY IN SOME YEARS

**513-615A PRINCIPLES OF EPIDEMIOLOGIC RESEARCH I: STUDY DESIGN.** (3) (Prerequisites: 513-606, 513-607, 513-610, 513-628) Principles of epidemiologic study design with reference to applied scientific problems in clinical and community medicine.

**513-616C PRINCIPLES OF EPIDEMIOLOGIC RESEARCH II: DATA ANALYSIS.** (3) Principles of epidemiologic data analysis with reference to applied scientific problems in clinical and community medicine.

**513-626A,B RISKS AND HAZARDS IN EPIDEMIOLOGY.** (3) (Prerequisites: 513-621B and 513-681C.) Classical and modern methods of analysis for survival, cohort, and case-control studies. Emphasis on the similarity of models used in the analyses of these studies. Hazard functions. Relative-risk functions. Regression modelling. Likelihood function. Interpretation of statistical parameters.

**513-646A,B,C EVALUATION OF HEALTH SERVICES.** (3) (Prerequisites: 513-606, 513-607) This course will present methodologies for the evaluation of health services, and illustrate these approaches with a variety of clinical and community services. Topics will include: levels of evaluation, evaluation design, identification and measurement of key variables, and practical aspects of evaluation.

**513-657A,B,C,D,L,T RISK ASSESSMENT AND MANAGEMENT.** (3) Principles of identifying and dealing with environmental risk factors for human disease. Class exercises focus on the steps of quantitative health risk assessment and management, including hazard identification and characterization, exposure characterization, risk determination, and weighing of control options.

**513-634C L'ÉVALUATION DES RISQUES ET DÉCISIONS DE SANTÉ PUBLIQUE.** (3) (Prerequisite: 513-606 ou équival.) Ce cours porte sur les aspects quantitatifs de l'évaluation des risques. On s'intéresse en particulier à la définition et la mesure de l'incertitude dans nos connaissances scientifiques et aux processus décisionnels concernant la santé des populations.

## 30 Food Science and Agricultural Chemistry

Department of Food Science and Agricultural Chemistry  
Macdonald Campus  
21,111 Lakeshore Road  
Sainte-Anne de Bellevue, Q CH9X 3V9  
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Website: <http://www.agrenv.mcgill.ca/foodscience/>

Chair — I. Alli

Chair of Graduate Program — I. Alli

### 30.1 Staff

#### Professors

I.Alli; B.Sc.(Guy.), M.Sc., Ph.D.(McG.); Chair  
W.D. Marshall; B.Sc.(U.N.B.), Ph.D.(McM.)  
J.P. Smith; B.Sc., M.Sc.(Strath.), Ph.D.(Alta.)  
F.R. van de Voort; B.Sc., M.Sc., Ph.D.(Br.Col.)

#### Associate Professors

A.A. Ismail; B.Sc., Ph.D.(McG.)  
S. Kermasha; B.Sc.(Baghdad), DEAD, D.Sc.(Nancy)  
H. Ramaswamy; B.Sc.(B'lore), M.Sc., Ph.D.(Br.Col.)  
B.K. Simpson; B.Sc.(Ghana), Ph.D.(Nfld.)  
V. Yaylayan; B.Sc.(Beirut), M.Sc., Ph.D.(Alta.)

#### Adjunct Professors

J.S. Blais, Y. Konishi, B. Lee, A. Morin, J.R.J. Pare

### 30.2 Programs Offered

#### M.Sc and Ph.D.

The Department has laboratory and research facilities required for research leading to the degree of Master of Science and Doctor of Philosophy in the field of food science, specifically in the chemical, biochemical and analytical aspects thereof.

### 30.3 Admission Requirements

#### General

GPA 3.0/4.0.

TOEFL with a minimum score of 550 on the paper-based test or 213 on the computer-based test (non-Canadian applicants whose mother tongue is not English).

#### Master's

Candidates should have a B.Sc. in Food Science or a related discipline such as Chemistry, Biochemistry, or Microbiology.

### 30.4 Application Procedures

Applications for admission and all supporting documents must be sent directly to:

Student Affairs Office (Graduate Studies)  
Macdonald Campus of McGill University  
21,111 Lakeshore  
Sainte-Anne de Bellevue, Q CH9X 3V9  
Canada

Telephone: (514) 398-7925  
Fax: (514) 398-7968  
Email: [grad@macdonald.mcgill.ca](mailto:grad@macdonald.mcgill.ca)

Applications will be considered upon receipt of a signed and completed application form, \$60 application fee, all official transcripts, two signed original letters of reference on official letterhead of originating institution, and (if required) proof of competency in oral and written English by appropriate exams.

**Deadlines** – For **international students**, complete applications with supporting documents must reach the Student Affairs Office



(Graduate Studies) at Macdonald Campus at least **eight months** prior to the intended start of program. May 1 for January (winter); September 1 for May (summer); January 1 for September (fall). For **domestic students**, it is recommended that complete applications with supporting documents reach the Office at least **six months** (but definitely no later than **three full months**) in advance of the intended start of program – July 1 for January (winter), November 1 for summer, March 1 for September (fall).

**Application Fee (non-refundable)** – A fee of \$60 Canadian must accompany each application (including McGill students), *otherwise it cannot be considered*. This sum must be remitted using one of the following methods:

1. **Certified** personal cheque in Cdn.\$ drawn on a Canadian bank;
2. **Certified** personal cheque in U.S.\$ drawn on a U.S. bank;
3. Canadian Money order in Cdn.\$;
4. U.S. Money Order in U.S.\$;
5. Bank draft in Cdn.\$ drawn on a Canadian bank;
6. Bank draft in U.S.\$ drawn on a U.S. bank, negotiable in Canada;
7. Credit card (by completing the appropriate section of the application form).

**Transcripts** – Two official copies of all transcripts are required for admission. Transcripts written in a language other than English or French must be accompanied by a certified translation. An explanation of the grading system used by the applicant's university is essential. It is the applicant's responsibility to arrange for transcripts to be sent. DOCUMENTS SUBMITTED WILL NOT BE RETURNED.

It is desirable to submit a list of the titles of courses taken in the major subject, since transcripts often give code numbers only. Applicants must be graduates of a university of recognized reputation and hold a Bachelor's degree equivalent to a McGill Honours degree in a subject closely related to the one selected for graduate work. This implies that about one-third of all undergraduate courses should have been devoted to the subject itself and another third to cognate subjects.

The minimum cumulative grade point average (CGPA) is 3.0/4.0 (second-class upper) or 3.2/4.0 during the last two full-time years of university study. High grades are expected in courses considered by the academic unit to be preparatory to the graduate program.

**Letters of Recommendation** – Two letters of recommendation on letterhead or bearing the university seal and with original signatures from two instructors familiar with the applicant's work, preferably in the applicant's area of specialization, are required. It is the applicant's responsibility to arrange for these letters to be sent.

**Competency in English** – Non-Canadian applicants whose mother tongue is not English and who have not completed an undergraduate degree using the English language are required to submit documented proof of competency in oral and written English, by appropriate exams, e.g. TOEFL (minimum score 550 on the paper-based test or 213 on the computer-based test) or IELTS (minimum overall band 6.5). The MCHE is not tested or equivalent. Results must be submitted as part of the application. The University code is 0935 (McGill University, Montreal); department code is 31 (graduate schools), Biological Sciences - Agriculture.

**Graduate Record Exam (GRE)** – The GRE is not required, but it is highly recommended.

**Financial aid is very limited and highly competitive. It is suggested that students give serious consideration to their financial planning before submitting an application.**

Acceptance to all programs depends on a staff member agreeing to serve as the student's supervisor and the student obtaining financial support. Normally, a student will not be accepted unless adequate financial support can be provided by the student and/or the student's supervisor. Academic units cannot guarantee financial support via teaching assistantships or other funds.

**Qualifying Students** – Some applicants whose academic degrees and standing entitle them to serious consideration for admission to graduate studies, but who are considered inadequately prepared in the subject selected may be admitted to a *Qualifying Program* if they have met the Faculty of Graduate Studies and Research minimum CGPA of 3.0 /4.0. The course(s) to be taken in a *Qualifying Program* will be prescribed by the academic unit concerned. *Qualifying students* are registered in the Faculty of Graduate Studies and Research, **but not as candidates for a degree**. Only one qualifying year is permitted. **Successful completion of a qualifying program does not guarantee admission to a degree program.**

### 30.5 Program Requirements

#### M.Sc.

For candidates entering the M.Sc. program without restrictions, (i.e., those not requiring a qualifying term/year), the M.Sc. degree consists of 45 graduate credits. These credits are obtained through a combination of graduate courses and a research thesis.

#### Course Requirements (15 credits)

Six (6) credits of graduate seminar courses

A minimum of nine (9) additional course credits, usually at the 500/600 level.

#### Thesis Requirements (30 credits)

333-690A,B (8) M.Sc. Literature Review  
333-691A,B (7) M.Sc. Research Proposal  
333-692A,B (15) M.Sc. Thesis

The residence time for an M.Sc. degree is three academic terms based on unqualified entry into the M.Sc. program and students are encouraged to complete their studies within this time frame.

Each student must be registered for a minimum of 12 credits per term to qualify as a full-time graduate student. This limits the approach that one can take in taking courses within the three terms allotted. Listed below are two common options in terms of course selection which a student may take to meet the three-term, 45-credit M.Sc. program requirements.

Option A		Option B	
<i>Term 1</i>		<i>Term 1</i>	
Course 1	3.0	Course 1	3.0
Course 2	3.0	Seminar 1	1.5
Seminar 1	1.5	M.Sc. Literature Review	8.0
M.Sc. Literature Review	8.0	<b>Total Credits</b>	<b>12.5</b>
<b>Total Credits</b>	<b>15.5</b>		
<i>Term 2</i>		<i>Term 2</i>	
Course 3	3.0	Course 2	3.0
Seminar 1 (continued)	1.5	Course 3	3.0
Seminar 2	1.5	Seminar 1 (continued)	1.5
M.Sc. Research Protocol	7.0	Seminar 2	1.5
<b>Total Credits</b>	<b>13.0</b>	M.Sc. Research Protocol	7.0
		<b>Total Credits</b>	<b>16.0</b>
<i>Term 3 --</i>		<i>Term 3 --</i>	
<i>For either option (A or B)</i>		<i>For either option (A or B)</i>	
Seminar 2 (continued)	1.5	Seminar 2 (continued)	1.5
M.Sc. Research Thesis	15.0	M.Sc. Research Thesis	15.0
<b>Total Credits</b>	<b>16.5</b>	<b>Total Credits</b>	<b>16.5</b>
<b>Grand Total Credits</b>	<b>45.0</b>	<b>Grand Total Credits</b>	<b>45.0</b>

The program outlined above does not preclude students from taking more than 45 credits.

#### Ph.D.

Candidates will be judged principally on their ability in research. Course work will be arranged in consultation with the departmental graduate advisory committee. Candidates should be prepared to take the Comprehensive Preliminary Examination by the end of the second year in which they are candidates for the Ph.D. degree.

#### Course Requirements

Six (6) credits of graduate seminar courses.  
Preliminary Comprehensive Examination.

### 30.6 Courses

The names of course instructors are listed on the Course Timetable available on [infoMcGill](http://www.mcgill.ca/students/courses/) via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.
  - ★ Alternate year courses – (o) for odd years, (e) for even years but double check with Graduate Adviser.
  - **333-500B FOOD ENZYMOLOGY.** (3) (3 lectures) (Prerequisite: 333-305A; Corequisite: 333-305A)
  - ★ **333-510B FOOD HYDROCOLLOID CHEMISTRY.** (3) (3 lectures) (Prerequisite: 333-319B; Corequisite: 333-305A) The concepts of colloid chemistry as it applies to food systems. Components such as proteins, gums, carbohydrates, and emulsions are studied in terms of their chemical and physical properties (i.e., rheology, optical characteristics, etc.), and how they can be used to advantage in food systems. (e)
  - ★ **333-519B ADVANCED FOOD PROCESSING.** (3) (3 lectures) (Prerequisite: 333-330B) Advanced technologies associated with food processing studied in more detail. Topics include food irradiation, reverse osmosis, supercritical fluid extraction and extrusion. (e)
  - ★ **333-520A BIOPHYSICAL CHEMISTRY OF FOOD.** (3) (3 lectures) (Prerequisite: 333-233B) Recent advances in the application of spectroscopic techniques, including infrared, Raman, near-infrared, circular dichroism, and fluorescence spectroscopy, to the study of biomolecules of relevance to food. Particular emphasis will be placed on the molecular basis of structure-function and structure-functionality relationships. (e)
  - ★ **333-530A ADVANCED ANALYTICAL CHEMISTRY.** (3) (3 lectures) (Prerequisite: 333-213A) Selected instrumental methodologies including advances in automated chromatography, wide band NMR, chemical sensors, and the application of other spectroscopic techniques to the analysis of food constituents. (o)
  - 333-535A FOOD BIOTECHNOLOGY.** (3) (3 lectures) (Prerequisite: 333-230B) Developments in biotechnology as it relates to food production and processing concerning traditional food fermentations as well as novel food biotechnology enzymes, ingredients, genetic engineering, plant tissue culture and developments for microbiological and food analysis.
- Graduate Courses**
- 333-625A ADVANCED TOPICS IN FOOD SCIENCE.** (3) (3 lectures) (Prerequisites: 333-330B, 333-305A) Selected subjects related to advancements taking place in the discipline of Food Science will be studied to gain an in-depth understanding of their principles, application and potential impact.
  - 333-651A FOOD ANALYSIS I.** (3) (3 lectures; one 3-hour lab) (Prerequisite: 333-211A) The theory and methodology for the analysis of food products for moisture, fat, protein, ash, fibre and carbohydrate (proximate and analysis). Quantitative visible and infrared spectroscopy are developed in relation to color measurement and the analysis of the major components in food systems.
  - 333-652B FOOD ANALYSIS II.** (3) (3 lectures; one 3-hour lab) (Prerequisites: 333-211A and 333-212A) A specialized course on the principal analytical techniques used for analysis of carbohydrate, lipid, protein and vitamin constituents of foods and feedstuffs, for detection and determination of chemical additives and contaminants.
  - 333-690A,B M.Sc. LITERATURE REVIEW.** (8) Master of Science literature review.
  - 333-691A,B M.Sc. RESEARCH PROTOCOL.** (7) Master of Science research protocol.
  - 333-692A,B M.Sc. THESIS.** (15) Master of Science research portion of the M.Sc. thesis based on results obtained from the research phase of the M.Sc. thesis. Satisfactory completion of the M.Sc. Thesis, its approval by reviewers and acceptance by Graduate Faculty is required to pass the course.

**333-695D,N GRADUATE SEMINAR.** (3) Presentation on a selected topic, research proposal or research results based on progress in degree work (M.Sc.1).

**333-696D,N GRADUATE SEMINAR.** (3) Presentation on a selected topic, research proposal or research results based on progress in degree work (M.Sc.2).

**333-700D,N COMPREHENSIVE PRELIMINARY EXAMINATION.** (See Faculty Regulations)

**333-797D,N GRADUATE SEMINAR.** (3) Presentation on a selected topic, research proposal or research results based on progress in degree work (Ph.D.).

**333-798D,N GRADUATE SEMINAR.** (3) Presentation on a selected topic, research proposal or research results based on progress in degree work (Ph.D.).

## 31 French Language and Literature

Département de langue et littérature françaises  
Pavillon Peterson  
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Montréal, QC H3A 1X9  
Canada

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Télécopieur: (514) 398-8557  
Courriel: [littfran@leacock.lan.mcgill.ca](mailto:littfran@leacock.lan.mcgill.ca)  
Site web: <http://www.arts.mcgill.ca/programs/french>

*Directeur* — Professeur Marc Angenot

*Directrice des études de 2<sup>e</sup> et 3<sup>e</sup> cycles et de la recherche* — Professeur Jane Everett

### 31.1 Staff

#### *Professeurs*

M. Angenot; L. Phil. Romane(Bruxelles), Dr. Phil. & Lettres (Belgique), M.S.R.C. (*James McGill Professor*)

G. Di Stefano; Dr. ès L.(Turin), Dipl.Phil., Dr. 3rd Cy.(Paris - Sorbonne)

J.-P. Duquette; L. ès L.(Montr.), Dr. 3rd Cy.(Paris X - Nanterre)

Y. Lamonde; M.A.(Montr.), M.A., Ph.D.(Laval)

F. Ricard; M.A.(McG.), Dr. 3rd Cy.(Aix-Marseille), M.S.R.C.

Y. Rivard; M.A.(McG.), Dr. 3rd Cy.(Aix-Marseille)

J. Terrasse; L. Phil. Romane, Dipl. Phil., Dr. Phil. & Lettres (Bruxelles)

#### *Professeurs agrégés*

C. Bouchard; M.A.(Montr.), Dr. 3rd Cy.(Paris VII - Jussieu)

J.-P. Boucher; M.A.(McG.) Dr. 3rd Cy.(Besançon)

A. Chapdelaine; M.A., Dr. 3rd Cy.(Paris VII - Jussieu)

D. Desrosiers-Bonin; M.A., Ph.D.(Montr.)

N. Doiron; Ph.D.(Montr.)

J. Everett; M.A.(Carl.), Ph.D.(McG.)

G. Lane-Mercier; M.A.(Montpellier), Ph.D.(McG.)

#### *Professeur adjoint*

F. Charbonneau; M.A., Ph.D.(Montr.)

### 31.2 Programmes

M.A. avec mémoire et sans mémoire, et Ph.D.

### 31.3 Conditions d'admission

#### **Propédeutique**

Peuvent être admis en Propédeutique les étudiants titulaires d'un B.A. avec concentration en littérature française ou québécoise ("Major"), qui sont alors tenus de s'inscrire à temps complet à un programme de 8 cours, établi lors de leur inscription.

#### **M.A.**

Pour être admis directement en M.A. I, le candidat doit être titulaire d'un B.A. avec spécialisation en littérature française ou québécoise.



se ou en traduction ("Honours"), ou d'un B.A. avec double spécialisation ("Joint Honours"). Le candidat doit également présenter un très bon dossier académique; le B.A. ne donne pas automatiquement droit à l'admission.

### Ph.D.

Pour être admis au programme de Ph.D. le candidat doit satisfaire aux conditions suivantes:

- 1) Être titulaire du M.A. en littérature française ou québécoise de l'Université McGill, ou l'équivalent; avoir obtenu au cours de sa scolarité de maîtrise une moyenne d'au moins 75%.
- 2) Présenter, en plus du formulaire officiel de demande d'admission accompagné de deux lettres de recommandation et de ses relevés de notes officiels, un projet d'étude, en français, indiquant avec une certaine précision le domaine et la méthodologie de la recherche qu'il envisage de poursuivre pour sa thèse de doctorat et le nom du professeur sous la direction duquel il souhaite travailler. La Commission des admissions sera mieux à même de juger, d'après ce projet, du sérieux du candidat et de ses aptitudes à la recherche littéraire avancée. Les étudiants de l'extérieur du Département doivent fournir un échantillon de travail écrit, en français.

### 31.4 Demande d'admission

En plus du formulaire officiel de demande d'admission accompagné de deux lettres de recommandation et des relevés de notes officiels, les étudiants de l'extérieur du Département doivent fournir un échantillon de travail écrit, en français.

### 31.5 Programme d'études

#### M.A. (48 crédits)

La durée des études de maîtrise est de trois trimestres: deux trimestres pour la scolarité (M.A.I) et un trimestre pour la rédaction du mémoire (M.A. II) ou l'exécution d'autres travaux de recherche. Il est possible de s'inscrire à des sessions additionnelles, mais le mémoire doit être déposé au plus tard trois ans après la première inscription en M.A.I.

Le programme de maîtrise est à la fois un programme complet en soi et une première étape vers le Ph.D. Il vise deux buts également importants:

- 1) Permettre à l'étudiant de compléter et d'approfondir ses connaissances de l'ensemble du domaine littéraire grâce à un programme d'enseignement portant sur les littératures française et québécoise de même que sur une variété de sujets connexes: théorie littéraire, histoire de la langue, civilisation, etc.
- 2) Favoriser l'apprentissage de la recherche et un début de spécialisation de la part de l'étudiant qui suit des séminaires d'initiation à la recherche littéraire et, soit rédige un mémoire, soit exécute d'autres travaux de recherche sous la direction des professeurs du Département.

#### Scolarité (M.A.I)

Dans le cas de la maîtrise avec mémoire, les deux premières sessions du programme de maîtrise sont consacrées à la scolarité, pour les étudiants inscrits à temps complet; ils doivent alors suivre 6 séminaires de 3 crédits (dont le 125-695 et le 125-697) et préparer leur sujet de mémoire (125-696D/N: 6 crédits).

Dans le cas de la maîtrise sans mémoire, les deux premières sessions du programme sont aussi consacrées à la scolarité, pour les étudiants inscrits à temps complet; ils doivent suivre 8 séminaires de 3 crédits soit 4 par session. Les cours 125-695, 125-697 et 125-600A/B sont obligatoires.

Les étudiants inscrits à mi-temps doivent s'inscrire à un minimum de deux séminaires par session. La note de passage est 65%.

Les séminaires 125-609 et 125-611 – Création littéraire – sont fortement recommandés aux étudiants qui ont l'intention de présenter un mémoire d'écriture littéraire.

Le choix des séminaires que fait l'étudiant doit être approuvé par le Directeur des études au moment de l'inscription. La

Commission des admissions du département peut accorder des dérogations au règlement des inscriptions à la Maîtrise en fonction du dossier de chaque étudiant, en reconnaissant un maximum de six crédits déjà obtenus dans une autre université.

Une partie de la scolarité (maximum de 6 crédits) peut être suivie dans un autre département de McGill qui offre des cours dans le domaine des Humanités de l'annuaire de la Faculté des études supérieures et de la recherche, ou dans une autre université, pourvu que les cours et séminaires y soient de même niveau que les cours 600 ou 700 offerts par le Département. Dans tous les cas, l'étudiant doit obtenir l'autorisation du Directeur des études de 2e et 3e cycles et de la recherche, qui ne sera accordée que si les cours en question cadrent avec le programme d'études du candidat.

#### Recherche (M.A.II)

L'étudiant peut présenter un mémoire de critique littéraire ou un mémoire d'écriture littéraire. Il peut aussi compléter sa maîtrise sans rédiger de mémoire, mais en exécutant d'autres travaux de recherche.

Dans le cas de la maîtrise avec mémoire, la composante recherche du programme est de 24 crédits (125-699A/B/D/N).

La composante recherche du programme de maîtrise sans mémoire est aussi de 24 crédits (125-600A/B: 3 crédits, 125-698A/B/D/N: 18 crédits, ainsi qu'un séminaire A ou B: 3 crédits).

### Ph.D.

**Épreuve d'anglais** Tous les étudiants de Ph.D. doivent réussir, avant le dépôt de leur thèse, une épreuve destinée à vérifier leur connaissance de la langue anglaise.

Peuvent être dispensés de cette épreuve les traducteurs professionnels et les étudiants qui ont fait des études antérieures dans des collèges ou des universités anglophones, à condition que leur programme ait comporté des cours donnés en anglais. Le fait d'avoir suivi un ou plusieurs cours de traduction ne suffit pas.

Aucune dispense n'est automatique. Les demandes de dispense doivent être soumises par écrit au Comité des études de 2e et 3e cycles et de la recherche.

**Programme** Le programme de Ph.D. comporte trois parties:

- Scolarité
- Élaboration du projet de thèse et examen préliminaire
- Thèse

#### Scolarité

L'admission se fait normalement au niveau de Ph.D. II. Lorsqu'un candidat, par exception, est admis en Ph.D. I, sa scolarité pendant cette année est la même que pour l'année de M.A. I (voir ci-dessus).

#### Ph.D. II

Trois séminaires au choix, ainsi que le Séminaire de doctorat (125-711) qui est obligatoire.

#### Ph.D. III

Élaboration du projet de thèse (125-706A/B/D/N) et Examen préliminaire de doctorat (125-707A/B/D/N).

Après l'élaboration du projet de thèse, celui-ci est soumis au Comité des études de 2e et 3e cycles et de la recherche, puis l'Examen préliminaire, qui consiste en la rédaction et la défense orale d'un document d'une cinquantaine de pages, a lieu à une date convenue entre les intéressés, devant un jury constitué de trois professeurs.

#### Ph.D. IV Thèse

Au moment de l'Examen préliminaire de doctorat, un comité-conseil est constitué, comprenant le directeur de thèse et deux autres professeurs. Le rôle de ce comité-conseil est de suivre d'aussi près que possible le travail du candidat et de discuter avec lui de l'orientation de ses recherches.

La soutenance de la thèse a lieu devant un jury d'au moins cinq personnes, présidé par un représentant du doyen; font partie du jury le comité-conseil de l'étudiant et deux autres professeurs, dont le Directeur du Département et au moins un universitaire extérieur au Département ou à l'Université McGill.

### 31.6 Cours de 2<sup>e</sup> et 3<sup>e</sup> cycles

L'étudiant trouvera, dans la section "Études de 2<sup>e</sup> et 3<sup>e</sup> cycles" accessible sur le site WEB du département, la description détaillée des séminaires offerts ainsi que tous les renseignements pertinents sur les programmes.

Les noms des professeurs figureront dans les horaires sur **infoMcGill** (<http://www.mcgill.ca/students/courses/>).

Le nombre de crédits est indiqué entre parenthèses, après le titre du cours.

**125-600A/B TRAVAUX DIRIGÉS I ET II. (M.A.) (3)**

**125-609A CRÉATION LITTÉRAIRE I. (3)**

**125-611B CRÉATION LITTÉRAIRE II. (3)**

**125-620A ÉVOLUTION DE LA LANGUE FRANÇAISE AU CANADA. (3)**

**125-626B QUESTIONS DE GENRE II. (3)** Poétique du récit de voyage.

**125-637A LITTÉRATURE ET AUTRES ARTS I. (3)** Roman et cinéma.

**125-694A LITTÉRATURE QUÉBÉCOISE ET IDÉOLOGIE. (3)** Réseaux et esthétique dans la littérature québécoise.

**125-695A INITIATION À LA RECHERCHE LITTÉRAIRE. (3)**

**125-697B MÉTHODOLOGIE ET THÉORIE LITTÉRAIRES. (3)** Rhétorique de l'argumentation: histoire et théorie.

**125-711A SÉMINAIRE DE DOCTORAT. (3)**

**125-713A SÉMINAIRE DE RECHERCHE IV. (3)** Histoire du livre et de l'imprimé.

**125-721B MOYEN ÂGE II. (3)** Le Roman de la Rose.

**125-725B XVI<sup>e</sup> SIÈCLE III. (3)** Rabelais et le métissage des genres.

**125-729A XVII<sup>e</sup> SIÈCLE I. (3)** La littérature et la table au XVII<sup>e</sup> siècle.

**125-737A XX<sup>e</sup> SIÈCLE I. (3)** Nouveau Roman et autobiographie.

**125-751B ROMAN QUÉBÉCOIS II. (3)** Romancières québécoises.

**125-760B LITTÉRATURE ET SOCIÉTÉ QUÉBÉCOISE. (3)** Influences de la littérature française au Québec.

G.O. Ewing; G.O., M.A.(Glas.), M.A., Ph.D.(McM.)

M.F. Lapointe; M.Sc.(McG.), Ph.D.(Br.Col.)

J.E. Lewis; M.A.(Ind.), Ph.D.(Ill.)

T.C. Meredith; M.Sc., Dip. Cons.(Lond.), Ph.D.(Cantab.)

L. Müller-Wille; Dr.phil.(Münster)

W.H. Pollard; M.A.(Guelph), Ph.D.(Ott.)

G. Wenzel; M.A.(Man.), Ph.D.(McG.)

#### Assistant Professors

W.M. Brown; M.A.(St.M.), Ph.D.(McM.)

C. Kull; M.A.(Col.), Ph.D.(Calif.)

R. Sieber; MPA(E.Mich.), Ph.D.(Rutgers) (*joint appt. with McGill School of Environment*)

#### Adjunct Professors

S. Milne; Ph.D.(Camb.)

G. Seutin; M.Sc.(Mont.), Ph.D.(Queen's)

#### Research Associate

G. Akman; M.A.(Man.), Ph.D.(McG)

### 32.2 Programs Offered

M.A., M.Sc. and Ph.D.

#### McGill Northern Research Stations

The McGill Subarctic Research Station is located at Schefferville, in the centre of Québec-Labrador. Facilities exist for research in most areas of physical and some areas of human geography in the subarctic.

McGill University also operates a field station at Expedition Fiord on Axel Heiberg in the High Arctic. Facilities are limited to a small lab and dorm building and cookhouse. Research activities focus on the glacial and geological. For additional information on these stations, contact the Scientific Director, Wayne Pollard, Department of Geography.

#### Centre for Climate and Global Change Research

The Department of Geography, with the McGill Departments of Atmospheric and Oceanic Sciences, Economics, Natural Resource Science; and several departments from the Université du Québec à Montréal and Université de Montréal developed a collaborative research centre that examines climate and global change. Through this Centre there are graduate opportunities.

For more information contact Professor Nigel Roulet, Director, Centre for Climate and Global Change, McGill University.

### 32.3 Admission Requirements

#### M.A. and M.Sc. Degrees

Attention is directed to the Faculty of Graduate Studies admission regulations outlined in the General Information and Faculty Regulations section headed "Admission".

Applicants not satisfying these conditions, but with primary undergraduate specialization in a cognate field, may be admitted to the M.A. or M.Sc. degree in Geography in certain circumstances. In general, they, and others who have deficiencies in their preparation but are otherwise judged to be acceptable, will be required to register for a qualifying program or to undertake additional courses.

#### Ph.D. Degree

Students who have completed a Master's degree in Geography (with high standing) may be admitted at Ph.D.2 level.

On rare occasions, a student may be admitted to the Ph.D. degree without having first taken the Master's degree. They, and others who have deficiencies in their preparation but are otherwise acceptable, will be required to register for a year of coursework and/or be required to take extra courses. The normal duration of a program, including field work where required, is three years.

Normally, the Department will restrict admission to the Ph.D. program to students prepared to work in one of the fields of human or physical geography in which specialized supervision is offered. These, which cover a wide range of systematic areas, are listed in documents available from the Department.

## 32 Geography

Department of Geography

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Website: <http://www.geog.mcgill.ca>

Chair — T.R. Moore

### 32.1 Staff

#### Emeritus Professor

B.J. Garnier; M.A.(Cantab.)

#### Professors

P.G. Brown; M.A., Ph.D.(Col.) (*joint appt. with McGill School of Environment*)

T.R. Moore; B.Sc.(Swansea), Ph.D.(Aberd.)

S.H. Olson; M.A., Ph.D.(Johns H.)

N. Roulet; M.Sc.(Trent), Ph.D.(McM.)

#### Associate Professors

G.L. Chmura; M.Sc.(Rhode I.), Ph.D.(Louis. St.)

O.T. Coomes; M.A.(Tor.), Ph.D.(Wis. Mad.)

### 32.4 Application Procedures

Applications will be considered upon receipt of:

1. application form;
2. transcripts;
3. two letters of reference for Master's; three for Ph.D.;
4. \$60 application fee;
5. statement of proposed research;
6. official TOEFL or IELTS score (when necessary).

Deadline for applications March 1 (for September admission) and October 1 (for January admission).

### 32.5 Program Requirements

#### M.A. and M.Sc. Degrees (48 credits each)

Candidates must:

1. pass the equivalent of four graduate courses (12 credits), selected according to guidelines of the Department. Senior undergraduate courses in other departments may be substituted for some of this requirement with the permission of the Department of Geography;
2. pass courses 183-631D,N and 183-698D,N (12 credits), which deal with the preparation of the thesis proposal;
3. attend such additional courses as the Chair and the student's thesis supervisor think fit; and,
4. submit a thesis 183-699 (24 credits) in an appropriate area of geographical inquiry.

#### Ph.D. Degree

Candidates must:

1. attend a minimum of two graduate courses (6 credits) and such additional courses as the Chair and the student's supervisory committee think fit;
2. pass course 183-631D,N which deals with the preparation of the thesis proposal;
3. pass a comprehensive examination (Geography 183-700D, 701D, 702D) the form of which is detailed in a document available from the Department; and,
4. submit a thesis based on original research in an appropriate area of geographical inquiry.

### 32.6 Courses and Seminars for Advanced Undergraduates and Graduates

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Timetable available on [infoMcGill](http://www.mcgill.ca/students/courses/) via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.

Contact the Graduate Affairs Office, Department of Geography, in late August for details of course contents and for term in which each course will be offered.

**183-500B GEOGRAPHY OF REGIONAL IDENTITY.** (3) (3 hours) (Restriction: Graduate students and final year undergraduates and/or those who have taken 183-408A.) The response of diverse regional groups in Europe to the centripetal tendencies of national institutions. The course draws upon examples from a variety of European regions. Contemporary regional issues will be contextualised within a spatial framework of historical geography.

**183-501A MODELLING ENVIRONMENTAL SYSTEMS.** (3) (1.15 hours lecture, 0.58 hours seminar, 0.69 hours project, 0.58 hours laboratory) (Restriction: open only to U2 or U3 students who have completed six or more credits from courses at the 300 level of Atmospheric and Oceanic Sciences, Biology, Chemistry, Earth and Planetary Sciences, Geography, Natural Resource Sciences, or a McGill School of Environment domain, or permission of the

instructor.) (Prerequisites: 189-139 or 189-140, 189-141, and 189-203 or equivalent.) (Enrolment limited to 20 students by availability of workstations.)

**183-502A GEOGRAPHY OF NORTHERN DEVELOPMENT.** (3) Analysis of the evolution of developmental policies and their spatial implications in circumpolar areas with an emphasis on the application of geographical concepts. Special attention is given to indigenous peoples and new immigrant populations in northern North America.

● **183-504A INDUSTRIAL RESTRUCTURING – THE GEOGRAPHIC IMPLICATIONS.** (3) (Prerequisites: 183-311B or permission of instructor.)

**183-505B GLOBAL BIOGEOCHEMISTRY.** (3) (2 hours and research. Prerequisite: 183-305 or 183-322, and permission of instructor.) An examination of the storage, transfers and cycling of major elements and substances, with an emphasis on the global scale and the linkages between the atmosphere, hydrosphere, lithosphere and biosphere.

**183-506A PERSPECTIVES ON GEOGRAPHIC INFORMATION SYSTEMS.** (3) Examination of a range of applications in automated processing of spatial data. The application of information systems such as GRASS and digital image processing routines to solve geographical problems in both physical and human geography.

**183-508A RESOURCES, PEOPLE, AND POWER.** (3) (3 hours) (Prerequisite 183-408 or 183-410 or permission of instructor.) Addresses how different groups of people struggle over natural resources and environmental change. Politics of conservation in resource-dependent local communities, struggles over resource access and character, questions of power, resistance, class, and gender, and to "nature" as a socially-constructed yet active player.

**183-510B HUMID TROPICAL ENVIRONMENTS.** (3) (3 hours) (Prerequisite: 183-203 or equivalent and written permission of the instructor.) Focus on the environmental and human spatial relationships in tropical rain forest and savanna landscapes. Human adaptation to variations within these landscapes through time and space. Biophysical constraints upon "development" in the modern era.

**183-513A BEHAVIOURAL GEOGRAPHY.** (3) The development of behavioural approaches in geography. A survey of methods and findings in the area of environmental and spatial cognition, preference and choice behaviour. Models of disaggregate and aggregate travel demand.

● **183-522A ADVANCED ENVIRONMENTAL HYDROLOGY.** (3) (3 hours) (Prerequisite: 183-322, or permission of instructor)

● **183-523A ADVANCED CLIMATOLOGY.** (3) (3 hours) (Prerequisite: a previous course in climatology or meteorology, and written permission of the instructor.)

**183-535B REMOTE SENSING AND INTERPRETATION.** (3) (3 hours) (Prerequisite: 183-308 and written permission of instructor.)

● **183-536B PERIGLACIAL AND PERMAFROST ENVIRONMENTS.** (3) (3 hours) (Prerequisite: 183-272 and any 300-level geomorphology course approved by instructor.)

**183-537B TOPICS IN FLUVIAL GEOMORPHOLOGY.** (3) An examination of current advances in fluvial geomorphology: sediment entrainment and transport, alluviation and river channel evolution.

**183-550A QUATERNARY PALEOECOLOGY.** (3) (2 hours, laboratory and seminar) (Prerequisite: course in ecology or biogeography, or permission of instructor.)

**183-551A ENVIRONMENTAL DECISIONS.** (3) (2 hours seminar, 1 hour tutorial) (Prerequisites: 183-302, 182-451, 183-306 or equivalents) This course deals with the role of geographic information, paradigms and modes of analysis - including but not restricted to GIS - in environmental impact assessment and decision making. The focus will be on community-based decision making, particularly where conservation issues are involved. Cross-cultural situations, developing areas and the role of non-government organizations.

**183-602A,B URBAN GEOGRAPHY: SELECTED TOPICS.** (3) Social and historical aspects of the urban environment.



**183-606A GEOGRAPHY AND DEVELOPMENT: SELECTED TOPICS.** (3) Historical roots of uneven development in metropolitan and peripheral societies.

**183-608A,B CULTURAL GEOGRAPHY: SELECTED TOPICS.** (3) Cultural ecology with particular reference to changing peasant/plantation relations; space needs of native peoples in relation to land claims.

**183-609A,B HUMAN GEOGRAPHY.** (3) Analysis of social and theoretical problems in human geography.

**183-610A,B SOCIAL GEOGRAPHY: SELECTED TOPICS.** (3) Approaches to the study of human-constructed landscapes, including issues of ethnicity, social networks and social metaphors/tropes.

**183-621D THE GEOGRAPHY OF THE ARCTIC.** (6) Advanced system-based approaches to analysing the human and bio-physical aspects of northern environments.

**183-625A,B SPECIAL TOPICS IN HUMAN GEOGRAPHY.** (3) An examination of recent advances in human geography.

**183-626A,B SPECIAL TOPICS IN PHYSICAL GEOGRAPHY.** (3) An examination of recent advances in physical geography.

**183-631D,N METHODS OF GEOGRAPHICAL RESEARCH.** (6) General research seminar in human and physical geography.

● **183-633A,B REMOTE SENSING.** (3)

**183-698D,N THESIS PROPOSAL.** (6) Preparation and evaluation of thesis proposal.

**183-699D THESIS RESEARCH.** (24) Independent research under the supervision of a research director.

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## 33 German Studies

Department of German Studies  
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Website: <http://www.arts.mcgill.ca/programs/german/>

Chair — K. Bauer

Director of Graduate Studies — J. Schmidt

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### 33.1 Staff

*Emeritus Professor*

P.M. Daly; B.A.(Brist.), Ph.D.(Zür.)

*Professors*

A. Hsia; Ph.D.(F.U.Berlin)

J. Schmidt; Ph.D.(Zür.)

*Associate Professors*

K. Bauer; M.A., Ph.D.(Wash.)

T. Goldsmith-Reber; Ph.D.(Cologne)

P. Peters; Ph.D.(F.U.Berlin)

H. Richter; Ph.D.(Göttingen)

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### 33.2 Programs Offered

M.A. (thesis or non-thesis) and Ph.D. degrees in German.

#### Ph.D. Language Tests

Ph.D. candidates in other disciplines who are required to pass a reading test in German may prepare themselves by taking 129-200A,B or 129-202D, (or 129-203D/129-004D if offered).

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### 33.3 Admission Requirements

#### Masters

In order to be admitted to the M.A. program in German, candidates must have a B.A. degree with Honours in German from McGill University, or hold an equivalent degree from another college or university of recognized standing, or have completed a course of studies of equivalent value at such an institution.

Candidates who have a B.A. with Joint Honours in German with another discipline from McGill University or another university of recognized standing will also be admitted if they have taken two courses in the Age of Goethe and one course each in a pre-Goethe period, in the 19th and in the 20th century. Those who have a Major in German may be admitted on individual merits. They may also be able to enter the program as qualifying students for the purpose of completing these preliminary studies.

In order to pursue graduate studies in German, all candidates must have considerable fluency in German, as all courses are given in German.

Graduate students holding a Language Instructorship or who are otherwise employed will normally not be allowed to take more than four courses a year. Students may be required to attend an approved course in English if their knowledge of that language is judged inadequate. All graduate students are expected to attend the staff-student colloquium.

#### Ph.D.

M.A. or equivalent.

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### 33.4 Application Procedures

1. Application form.
2. Official transcripts.
3. Two letters of reference.
4. \$60 application fee.
5. Test results (GRE, TOEFL).
6. Writing sample.

All information is to be submitted directly to the Graduate Secretary in the Department of German Studies.

**Deadline:** February 1st.

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### 33.5 Program Requirements

#### M.A. with thesis (Awaiting University approval)

Requirements:

Coursework

– 6 three-credit courses (18 credits)

Thesis

– Thesis Research Courses I-III,  
129-690, 129-691, 129-692 (30 credits)

Originality of research is not required for the thesis, but the student must show a critical understanding of the subject as demonstrated by the logical development of an argument which is supported by adequate documentation. Students are normally permitted to take a maximum of 3 credits in another department with the approval of the Graduate Studies Committee.

Students are expected to complete degree requirements in two years. They are expected to begin work on their thesis before the end of the first session. The thesis should demonstrate ability to organize the material under discussion, and should be succinct and relevant.

#### M.A. without thesis (Awaiting University approval)

Requirements:

Coursework

– 9 three-credit courses (27 credits)

Research Paper (about 25 pages plus notes and bibliography)

– Research Paper Courses I-III, 129-680, 129-681, 129-682  
(18 credits)

#### Ph.D.

Requirements:

Coursework – 8 three-credit courses (24 credits)

Comprehensive examination (oral and written)  
 French Language examination or Latin (if specializing in  
 German Literature before 1600)  
 Thesis  
 Thesis Defence

Students may take up to 6 credits in another department with the approval of the Graduate Studies Committee.

Original research leading to new insights is a prerequisite for the acceptance of a Ph.D. thesis.

As a rule, it will take a candidate at least three years after the M.A. degree to complete the requirements for the Ph.D. degree. Students who have not spent an appreciable length of time in a German-speaking country are advised to spend one year at a university in such a country, for which credit may be given in the above program.

### 33.6 Courses

Courses are normally given in the form of seminars. Each year, the Department publishes a list of those offerings which will be available in the ensuing session. These lists are available from the Departmental Secretary or from the Graduate Faculty office, normally in the month of May. Each year the Department offers courses in some of the following areas.

The names of course instructors are listed on the Course Timetable available on *infoMcGill* via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

#### Courses to be offered in 2001-02

- 129-605A MEDIEVAL GERMAN LITERATURE I (3)
- 129-647B GERMAN LITERATURE IN THE 20TH CENTURY III. (3)
- 129-656A LITERARY THEORY AND CRITICISM II. (3)
- 129-661B COMPARATIVE LITERATURE STUDIES II. (3)
- 129-680A,B RESEARCH PAPER 1. (6)
- 129-681A,B RESEARCH PAPER 2. (6)
- 129-682A,B RESEARCH PAPER 3. (6)
- 129-690A,B THESIS RESEARCH 1. (9)
- 129-691A,B THESIS RESEARCH 2. (9)
- 129-692A,B THESIS RESEARCH 3. (12)
- 129-701D COMPREHENSIVE ORAL EXAMINATION.
- Denotes courses not offered in 2001-02.
- 129-606 MEDIEVAL GERMAN LITERATURE II. (3)
- 129-607 MEDIEVAL GERMAN LITERATURE III. (3)
- 129-608 MEDIEVAL GERMAN LITERATURE IV. (3)
- 129-610 GERMAN LITERATURE OF THE RENAISSANCE AND THE REFORMATION I. (3)
- 129-611 GERMAN LITERATURE OF THE RENAISSANCE AND THE REFORMATION II. (3)
- 129-612 GERMAN LITERATURE OF THE RENAISSANCE AND THE REFORMATION III. (3)
- 129-613 GERMAN LITERATURE OF THE RENAISSANCE AND THE REFORMATION IV. (3)
- 129-615 GERMAN LITERATURE OF THE BAROQUE AND ROCOCO I. (3)
- 129-616 GERMAN LITERATURE OF THE BAROQUE AND ROCOCO II. (3)
- 129-617 GERMAN LITERATURE OF THE BAROQUE AND ROCOCO III. (3)
- 129-618 GERMAN LITERATURE OF THE BAROQUE AND ROCOCO IV. (3)
- 129-620 GERMAN LITERATURE OF THE ENLIGHTENMENT I. (3)
- 129-621 GERMAN LITERATURE OF THE ENLIGHTENMENT II. (3)
- 129-622 GERMAN LITERATURE OF THE ENLIGHTENMENT III. (3)
- 129-623 GERMAN LITERATURE OF THE ENLIGHTENMENT IV. (3)
- 129-625 GERMAN LITERATURE OF THE STURM AND DRANG PERIOD I. (3)

- 129-626 GERMAN LITERATURE OF THE STURM AND DRANG PERIOD II. (3)
- 129-627 GERMAN LITERATURE OF THE STURM AND DRANG PERIOD III. (3)
- 129-628 GERMAN LITERATURE OF THE STURM AND DRANG PERIOD IV. (3)
- 129-630 GERMAN CLASSICISM I. (3)
- 129-631 GERMAN CLASSICISM II. (3)
- 129-632 GERMAN CLASSICISM III. (3)
- 129-633 GERMAN CLASSICISM IV. (3)
- 129-635 GERMAN ROMANTICISM I. (3)
- 129-636 GERMAN ROMANTICISM II. (3)
- 129-637 GERMAN ROMANTICISM III. (3)
- 129-638 GERMAN ROMANTICISM IV. (3)
- 129-640 GERMAN REALISM AND EARLY NATURALISM I. (3)
- 129-641 GERMAN REALISM AND EARLY NATURALISM II. (3)
- 129-642 GERMAN REALISM AND EARLY NATURALISM III. (3)
- 129-643 GERMAN REALISM AND EARLY NATURALISM IV. (3)
- 129-645 GERMAN LITERATURE IN THE 20TH CENTURY I. (3)
- 129-646 GERMAN LITERATURE IN THE 20TH CENTURY II. (3)
- 129-648 GERMAN LITERATURE IN THE 20TH CENTURY IV. (3)
- 129-650 GERMAN LINGUISTICS AND PHILOSOPHY I. (3)
- 129-651 GERMAN LINGUISTICS AND PHILOSOPHY II. (3)
- 129-652 GERMAN LINGUISTICS AND PHILOSOPHY III. (3)
- 129-653 GERMAN LINGUISTICS AND PHILOSOPHY IV. (3)
- 129-655 LITERARY THEORY AND CRITICISM I. (3)
- 129-657 LITERARY THEORY AND CRITICISM III. (3)
- 129-658 LITERARY THEORY AND CRITICISM IV. (3)
- 129-660 COMPARATIVE LITERATURE STUDIES I. (3)
- 129-662 COMPARATIVE LITERATURE STUDIES III. (3)
- 129-663 COMPARATIVE LITERATURE STUDIES IV. (3)
- 129-665 THEORETICAL APPROACH TO THE TEACHING OF GERMAN I. (3)
- 129-666 THEORETICAL APPROACH TO THE TEACHING OF GERMAN II. (3)
- 129-667 THEORETICAL APPROACH TO THE TEACHING OF GERMAN III. (3)
- 129-668 THEORETICAL APPROACH TO THE TEACHING OF GERMAN IV. (3)
- 129-670A,B STAFF-STUDENT SEMINAR ON LITERATURE PROBLEMS. (3)
- 129-675D RESEARCH SEMINAR. (3)

## 34 Hispanic Studies

Department of Hispanic Studies  
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 Website: <http://www.arts.mcgill.ca/programs/hispanic/>

Chair — K.M. Sibbald

Chair of Graduate Program — J. Pérez-Magallón

### 34.1 Staff

*Emeritus Professor*  
 S. Lipp; M.S.(C.C.N.Y.), Ph.D.(Harv.)

*Professors*  
 J. Pérez-Magallón; Lic.Fil.(Barcelona), Ph.D.(Penn.)  
 K. Sibbald; M.A.(Cantab.), M.A.(Liv.), Ph.D.(McG.)

*Associate Professor*

D.A. Boruchoff; A.B., A.M., Ph.D.(Harv.)

*Assistant Professor*

A. Holmes; B.A.(McG.), M.A., Ph.D.(Oregon)

**34.2 Programs Offered**

M.A. and Ph.D. in Hispanic Studies.

The Department of Hispanic Studies is committed to the disciplined study of all aspects of the literature, intellectual history and culture of Spain and Latin America, as well as the Spanish and Portuguese languages.

Research interests focus on both the cluster of Golden Age, Viceregal America and Enlightenment studies, as well as specializations in contemporary Spain and Hispanic America.

A limited number of language instructorships are available each year and those interested should apply directly to the Chair of the Department.

**34.3 Admission Requirements****M.A. Degree (thesis or non-thesis)**

In order to be admitted to graduate work in Hispanic Studies, candidates must fulfill the following prerequisites:

- Candidates must possess a B.A. degree with Honours or, in certain cases, Joint Honours in Hispanic Studies from McGill University, or an equivalent degree from another college or university of recognized standing.
- Candidates who do not possess the above prerequisites may, with special permission, enter the Department as Qualifying students for the purpose of completing these preliminary studies. They may have to take, among other courses, 144-550, Comprehensive Examination.

Students may be required to attend an approved course in English or French if their knowledge of either language is deemed inadequate.

Prospective candidates may certainly express their preference but should note that the Graduate Committee of the Department of Hispanic Studies reserves the right to determine which of the two options (thesis/non-thesis) students admitted to the M.A. program will be permitted to pursue and/or continue to completion.

**Ph.D. Degree**

Applicants must normally possess an M.A. in Hispanic Studies, or in a related discipline, from a university of recognized standing. These applicants will be admitted to Ph.D.2 and follow the program requirements listed below. Exceptionally qualified candidates may apply to enter into Ph.D.1 directly from the B.A. Honours, and will be required to complete an additional 6 three-credit courses above those listed below.

Applicants must demonstrate proficiency in Spanish, and when appropriate in Portuguese, plus a working knowledge of either French or English.

Applicants should submit samples of research papers that they have completed during the course of their previous studies. Submission of the results of the Graduate Record Examination is also encouraged.

**34.4 Application Procedures**

Applications will be considered upon receipt of:

- duly completed application form;
- all transcripts;
- letters of reference;
- \$60 application fee;
- TOEFL scores where applicable;
- a sample of recent written work.

All information should be submitted directly to the Chair of the Graduate Program.

**Deadlines**

For admission in the Fall Term: March 15.

For admission in the Winter Term: November 1.

**34.5 Program Requirements**

The Graduate Committee of the Department of Hispanic Studies reserves the right to determine which of the two options (thesis/non-thesis) students admitted to the M.A. will be permitted to pursue and/or continue to completion.

All general regulations of the Faculty of Graduate Studies and Research shall apply regarding the MA. degree.

**M.A. Degree with thesis (48 credits)**

Requirements:

- Coursework – 6 three-credit courses (18 credits)
- Research – 2 three-credit courses in Thesis Preparation (144-695/144-696) (6 credits)
- Thesis – 144-697D (24 credits)

Students pursuing the M.A. with thesis are expected to complete their degree requirements within 18 months. Ideally, students admitted to this option will pursue their studies on a full-time basis. The combination of three courses and one Thesis Preparation course will permit these students the 12 credits per term average that is required for most fellowships.

**M.A. Degree without thesis (48 credits)**

Requirements:

- Coursework – 8 three-credit courses (24 credits)
- Research – 2 three-credit courses in Hispanic Bibliography (144-603/144-604) (6 credits)
- Two Guided Research Projects – 18 credits

All candidates pursuing the M.A. without thesis must complete the Guided Research Project in Medieval and Golden Age Literature (including Colonial Spanish America) (144-615A/B). Candidates choosing to focus their research on the literature of Spain will take the Guided Research Project in Modern and Contemporary Spanish Literature (144-616B). Those wishing to specialize in the literature of Spanish America will take the Guided Research Project in Modern and Contemporary Spanish-American Literature (144-617B).

At the conclusion of each Research Project, students will be required to produce an extended essay, or series of essays, during a 48-hour period with full access to critical material. Each of these essays will focus upon themes and issues central to the particular field of research and will be examined by at least two faculty members. Normally, the examinations for each of these projects will be offered only once during the academic year and always in the same rotation: "Medieval and Golden Age Literature" in December, and both "Modern and Contemporary Spanish Literature" and "Modern and Contemporary Spanish-American Literature" in April.

All candidates pursuing the M.A. without thesis, both full- and part-time, are expected to complete their degree requirements within 18 months, and must successfully complete at least one of their Guided Research projects during the first 12 months. It is expected that most students will require 3 semesters to complete their degrees. In accordance with the regulations established by the Faculty of Graduate Studies and Research, students in non-thesis programs who do not take at least 12 credits per term are considered to proceed toward their degree on a part-time basis.

**Ph.D. Degree Requirements**

- Six 3-credit courses and the Research Seminar.
- Proficiency in Spanish, and when appropriate in Portuguese, as well as a functional ability in French and English. A reading knowledge of a fourth language will be determined according to the needs of the candidate's research program.
- Comprehensive examinations, oral and written.
- Doctoral dissertation on an appropriate area of original research.

All courses, comprehensive examinations and language requirements will normally be completed before the dissertation topic is



formally approved. A dissertation proposal should be submitted to the Graduate Committee of the Department of Hispanic Studies for approval no later than the end of the second year of full-time doctoral studies.

All general regulations of the Faculty of Graduate Studies and Research regarding the Ph.D. degree shall apply.

**Required Academic Activities:** All graduate students are required to attend the academic/cultural activities organized by the Department.

### 34.6 Courses

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Time-table available on *infoMcGill* via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.
- **144-501A HISTORY OF THE SPANISH LANGUAGE.** (3) (Prerequisite: Permission of the instructor.)
- **144-505-507B SEMINAR IN HISPANIC STUDIES.** (3)
- 144-550A,B,C COMPREHENSIVE EXAMINATION.** (6) For qualifying students. Oral examination following the reading of a number of books as assigned by the Department.
- 144-603A,B,C HISPANIC BIBLIOGRAPHY, 1.** (3)
- 144-604A,B,C HISPANIC BIBLIOGRAPHY, 2.** (3)
- 144-605-609A,B PROBLEMS OF LITERARY THEORY AND CRITICISM.** (3)
- 144-610-614A,B SPANISH LINGUISTICS AND PHILOLOGY.** (3)
- 144-615A/B MEDIEVAL AND GOLDEN AGE LITERATURE.** (9) An investigation of the principal themes and critical issues in medieval and Golden-Age Spanish literature. Attention will also focus on a comparison with similar problems in colonial Spanish-American literature. Project.
- 144-616A/B MODERN AND CONTEMPORARY SPANISH LITERATURE.** (9) An investigation of the principal themes and critical issues in nineteenth- and twentieth-century Spanish literature. Project.
- 144-617A/B MODERN AND CONTEMPORARY SPANISH-AMERICAN LITERATURE.** (9) An investigation of the principal themes and critical issues in nineteenth- and twentieth-century Spanish-American literature. Project.
- 144-620-624A,B SPANISH LITERATURE OF THE MIDDLE AGES.** (3)
- 144-625-629A,B SPANISH THEATRE OF THE GOLDEN AGE.** (3)
- 144-630-634A,B SPANISH POETRY OF THE GOLDEN AGE.** (3)
- 144-635-639A,B SPANISH PROSE OF THE GOLDEN AGE.** (3)
- 144-640-644A,B CERVANTES.** (3)
- 144-645-649A,B SPANISH NEOCLASSICISM AND ROMANTICISM.** (3)
- 144-650-654A,B SPANISH REALISM AND NATURALISM.** (3)
- 144-655-659A,B SPANISH LITERATURE FROM 1898 TO 1936.** (3)
- 144-660-664A,B SPANISH LITERATURE SINCE THE CIVIL WAR.** (3)
- 144-665-669A,B SPANISH-AMERICAN LITERATURE OF THE COLONIAL PERIOD** (3)
- 144-670-674A,B SPANISH-AMERICAN THEATRE.** (3)
- 144-675-679A,B SPANISH-AMERICAN POETRY.** (3)
- 144-680-689A,B SPANISH-AMERICAN PROSE.** (3)
- 144-690-694A,B SPECIAL TOPICS.** (3)
- 144-695A,B,C THESIS TUTORIAL 1.** (3)
- 144-696A,B,C THESIS TUTORIAL 2.** (3)
- 144-697D M.A. THESIS.** (24)
- 144-790D PH.D. LANGUAGE REQUIREMENT.** (For students in other departments.)

## 35 History

Department of History  
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Email: [cparis1@po-box.mcgill.ca](mailto:cparis1@po-box.mcgill.ca)

Website: <http://www.arts.mcgill.ca/programs/history/>

*Chair* — Professor Suzanne Morton

*Chair of Graduate Program* — Professor Catherine LeGrand

### 35.1 Staff

#### *Emeritus Professors*

Michael P. Maxwell; B.A.(Sir G.Wms.), M.A., Ph.D.(McG.)  
Albert Schachter, D.Phil.(Oxon.) (*Hiram Mills Emeritus Professor of Classics*)

#### *Professors*

Valentin J. Boss; B.A.(Cantab.), Ph.D.(Harv.)  
Anne Carson; B.A., M.A., Ph.D.(Tor.) (*John MacNaughton Professor of Classics*)  
John W. Hellman; B.A.(Marq.), M.A., Ph.D.(Harv.)  
Peter Hoffmann; Ph.D.(Munich), F.R.S.C. (*William Kingsford Professor of History*)  
Gershon D. Hundert; B.A., M.A.(Ohio St.), Ph.D.(Col.) (*Leonor Segal Professor of Jewish Studies*) (*joint appt. with Jewish Studies*)  
Philip D. Longworth; M.A.(Oxon.)  
Carman I. Miller; B.A. B.ED.(Acadia), M.A.(Dal.), Ph.D.(Lond.)  
Desmond Morton; B.A.(R.M.C.), B.A. M.A.(Oxon.), Ph.D.(Lond.) (*joint appt. with McGill Institute for the Study of Canada*)  
T.Wade Richardson; B.A.(McG.), M.A., Ph.D.(Harv.)  
Hereward Senior; M.A., Ph.D.(McG.)  
Gil E. Troy; A.B., A.M., Ph.D.(Harv.)  
Robin D.S. Yates; B.A.(Oxon.), M.A.(Calif.), M.A.(Oxon.), Ph.D.(Harv.) (*joint appt. with East Asian Studies*)  
Brian J. Young; B.A.(Tor.), M.A., Ph.D.(Queen's)  
John E. Zucchi; B.A. M.A. Ph.D.(Tor.)

#### *Associate Professors*

Pierre H. Boulle; A.B.(Ind.), M.A.(Stan.), Ph.D.(Calif.)  
Paula Clarke; B.A.(Nfld.), M.A.(Tor.), Ph.D.(Lond.)  
Catherine Desbarats; B.A.(Queen's), D.Phil.(Oxon.), Ph.D.(McG.)  
Myron J. Echenberg; M.A.(McG.), Ph.D.(Wis.)  
Catherine LeGrand; B.A.(Reed), M.A., Ph.D.(Stan.)  
Leonard Moore; A.B., M.A., Ph.D.(Calif.)  
Suzanne Morton; B.A.(Trent), M.A., Ph.D.(Dal.)  
Yuzo Ota; B.A., M.A., Ph.D.(Tokyo)  
Nancy F. Partner; B.A., M.A., Ph.D.(Calif.)  
Alvin R. Riggs; B.A.(Delaware), M.A., Ph.D.(Yale)  
Michael J. Silverthorne; B.Litt., M.A., D.Phil.(Oxon.)  
Faith Wallis; B.A., M.A.(McG.), Ph.D.(Tor.) (*joint appt. with Social Studies of Medicine*)

#### *Assistant Professors*

Elizabeth Digeser; B.A.(NY), M.A.(Johns H.), M.A., Ph.D.(Calif.)  
Colin Duncan; B.A.(Queen's), M.A., Ph.D.(York)  
Elizabeth Elbourne; B.A., M.A.(Tor.), D.Phil.(Oxon.)  
Brian Lewis; B.A., M.A.(Oxon.), A.M., Ph.D.(Harv.)

### 35.2 Programs Offered

M.A. Degree in History.

M.A. Degree in History of Medicine. (In cooperation with the Department of Social Studies of Medicine; application is made directly to the History Department.)

Ph.D. Degree in History.

The Department is prepared to direct theses in the following fields and the Redpath, McLennan, and Osler Libraries are well equipped with printed sources for these periods and subjects.

1. British Medieval, Modern Social, Political, Cultural, Diplomatic and Military history.
2. Canadian Social, Political, Labour, Cultural, Religious and Economic history.
3. United States Colonial, Revolutionary, Modern Political and Social history.
4. Latin American history.
5. European History: French, German, Italian, East-Central European and Balkan, Russian, Medieval, Renaissance, Military, Intellectual, European Jewish history.
6. Japanese history.
7. Chinese history.
8. African history.
9. Ancient history.
10. Medical history.

### 35.3 Admission Requirements

General: CGPA minimum: 3.3 on 4.0; TOEFL minimum: 550 on the paper-based test (213 on the computer-based test).

#### Master in History

Normally, candidates are required to possess a B.A. (Honours) in History consisting of 60 credits in history. Students with other undergraduate history degrees (normally including serious research components) may be considered eligible. Applicants not satisfying these conditions, but otherwise judged worthy of serious consideration will be asked to register in a Qualifying Program in which they undertake advanced undergraduate work.

#### Master in the History of Medicine

Candidates must have a background in either History – B.A. (Honours) or equivalent – or a degree in one of the health professions.

#### Ph.D. in History

Normally, M.A. in History. (Students choosing the field of History of Medicine normally enter with an M.A. in History of Medicine.)

### 35.4 Application Procedures

Completed applications and supporting material must be submitted directly to the Graduate Coordinator. Refer to the Department of History website for details (<http://www.arts.mcgill.ca/programs/history/>).

Deadline: **February 1** for admission in September. Note: There are no January admissions.

### 35.5 Program Requirements

#### M.A. Degree in History (48 credits)

The Department offers two options towards the M.A. degree, one with a thesis and the other without a thesis. Both options consist of 48 credits and are designed to be completed in four terms (of 12 credits each), but it is possible to complete the program in three terms, or one calendar year.

#### M.A. Degree in History of Medicine

(48 credits normally completed in two years)

The program requires the completion of 48 credits, composed of three full-year graduate seminars, plus a major research paper. Consult the Department of Social Studies of Medicine section for program details.

#### Ph.D. Degree in History

**Examination Requirements:** Candidates are required to sit an oral comprehensive examination by May at the end of the 2nd term of the Ph.D. II year. The examination consists of:

101-702D Comprehensive Examination in Major Field.

101-703D Comprehensive Examination in First Minor Field.

101-704D Comprehensive Examination in Second Minor Field. Candidates must consult with their Director of Studies at the beginning of their Ph.D. work in order to determine their fields.

**Thesis:** With the completion of the oral comprehensive examination, candidates may proceed with their doctoral dissertation.

**Language Requirements:** Ph.D. Candidates must offer one foreign language for examination purposes. The Department expects that candidates will have successfully demonstrated competence in the one required language by the end of their Ph.D.3 year.

It is understood that candidates may need a reading knowledge of such other languages as are required for research purposes in their major field.

**Candidates in the field of Medical History** will prepare the major field for the Comprehensive Examination with a member of the Department of Social Studies of Medicine and the two minor fields with members of the Department of History. The thesis will normally be directed by the director of the major field. In all other respects, the same rules will apply to candidates in this area as apply to other Ph.D. students in History.

### 35.6 Graduate Seminars and Courses

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Timetable available on **infoMcGill** via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered in 2001-02.

**101-550A ROMAN HISTORY SEMINAR.** (3) (In this seminar the topics will vary from year to year. Particular attention will be given to topics in Roman religion (including Christianity and Judaism), politics, and culture. Topic for 2001-02: Religion and the Roman Empire.

**101-551B ROMAN HISTORY RESEARCH.** (3) (Prerequisite: 101-550A) In this research seminar, students who have taken the Roman History Seminar (101-550A) will undertake supervised design, research, discussion and writing of a research paper on a theme in Roman history. Topic for 2001-02: Religion and the Roman Empire.

- **101-579 A/B THE ARTS OF HEALING IN CHINA.** (3)

- **101-580D EUROPEANS AND NATIVE-AMERICANS.**

- **101-581B THE ART OF WAR IN CHINA.** (3)

**101-582B EUROPEAN INTELLECTUAL HISTORY.** (3) A study of selected topics in 20th-century French and European intellectual and cultural history and popular culture.

- **101-583B CONSERVATISM IN CANADA.** (3)

- **101-585B THEORY FOR HISTORICAL STUDIES.** (3)

- **101-590B TOPICS: THE BRITISH EMPIRE.** (3)

● **101-594D SEMINAR: TOPICS: TUDOR AND STUART ENGLAND.** (6) (Prerequisites: Any university course in British history or consent of instructor.)

- **101-595D SEMINAR: EARLY MODERN WESTERN EUROPE.** (6) (Not open to students who have taken 101-495D)

- **101-604D SEMINAR: COLONIAL AMERICA.** (6)

- **101-605D SEMINAR IN MODERN FRENCH HISTORY.** (6)

- **101-608D HISTORY OF BRITISH NORTH AMERICA.** (6)

- **101-609D NORTH ATLANTIC SECURITY.** (6)

- **101-610D SEMINAR: TOPICS IN MEDIEVAL HISTORY.** (6)

- **101-611D SEMINAR: TRADITIONAL CHINESE HISTORY.** (6)

**101-612D SEMINAR: TOPICS IN 20TH CENTURY GERMANY.** (6)

Topics for 2001-02:

**101-613D TOPICS IN CANADIAN SOCIAL HISTORY.** (6) A seminar covering topics in Canadian Social History which vary from year to year. Topic for 2001-02: From Philanthropy to the Welfare State.

- **101-614D TOPICS IN LATIN AMERICAN HISTORY.** (6)
- **101-615D TOPICS IN ITALIAN HISTORY.** (6)
- **101-616D HISTORY AND CRITICAL THEORY.** (6)
- **101-619A ANCIENT MEDICINE SEMINAR I.** (3)
- **101-620B ANCIENT MEDICINE SEMINAR II.** (3) (Prerequisite: 101-619A) Supervised design, research and writing of substantial research paper on a theme in the history of western European medicine, 500 BC to 200 AD.

- **101-626D SEMINAR: THE WESTERNIZATION OF RUSSIA.** (6)
- **101-627D SEMINAR: EASTERN EUROPE.** (6)
- **101-628D TOPICS IN RUSSIAN HISTORY.** (6)
- **101-629D TOPICS IN CANADIAN IMMIGRATION HISTORY.** (6)

**101-631D TOPICS: MODERN U.S. HISTORY.** (6) Topic for 2001-02: Voting, Citizenship and Civil Rights since 1865.

**101-634D TOPICS: MODERN BRITISH HISTORY SINCE 1867.** (6) Topic for 2001-02: British Environmental Perceptions and Modifications.

- **101-636A EARLY MODERN MEDICINE SEMINAR I.** (3)
- **101-637B EARLY MODERN MEDICINE SEMINAR II.** (3) (Prerequisite: 101-636A)

**101-638A MEDIEVAL MEDICINE SEMINAR 1.** (3) Readings in and discussion of a theme in the history of Western European medicine 400 to 1500. Topic for 2001-02: Medicine and Society in the Later Middle Ages.

**101-639B MEDIEVAL MEDICINE SEMINAR II.** (3) (Prerequisite: 101-638A) Supervised design, research and writing of a substantial research paper on a theme in the history of medicine 400 to 1500. Topic for 2001-02: Medicine and Society in the Later Middle Ages.

**101-640A MODERN MEDICINE SEMINAR I.** (3) Readings in and discussion of a theme in history of Western European medicine since 1700. Topic for 2001-02: Medicine and Society in the 19th and 20th Centuries.

**101-641B MODERN MEDICINE SEMINAR II.** (3) (Prerequisite: 101-640A) Supervised design, research and writing of a substantial research paper on a theme in the history of medicine 400 to 1500. Topic for 2001-02: Medicine and Society in the 19th and 20th Centuries.

- **101-643D TOPICS: CANADIAN HISTORY TO 1867.** (6)
- **101-652D TOPICS: CANADIAN HISTORY, 1867-1967.** (6)

**101-655D GRADUATE TUTORIAL.** (6) If a seminar is not available in a field judged necessary to complete the program, candidates may (with the consent of their Director of Studies and that of the Chair of the Graduate Committee) do tutorial work to replace a seminar.

- **101-658D SEMINAR IN CHINESE HISTORY.** (6)
- **101-668D SEMINAR: JAPANESE INTELLECTUAL HISTORY.** (6)

**101-671D SEMINAR: AMERICAN SOCIETY FROM THE CIVIL WAR TO 1920.** (6) Topic for 2001-02: The Reagan Revolution and the 1980s in Historical Perspective.

- **101-673D PROBLEMS IN U.S. HISTORY.** (6)

**101-677D SEMINAR: EUROPEAN JEWISH HISTORY.** (6) Topic for 2001-02: Messianism and the Messianic Movements.

**101-678A HISTORIOGRAPHY.** (3) This seminar examines the fundamentals of historical theory: developing a clear understanding of exactly why history has a "theory". The philosophic language and modes of reasoning necessary to understand historical theory are introduced.

**101-679B HISTORICAL METHODS.** (3) An examination of the major approaches to historical interpretation through the reading of important works of historical scholarship.

- **101-683D SEMINAR: THE HISTORY OF MONTREAL.** (6)
- 101-691A M.A. RESEARCH PAPER I.** (6)

- 101-692B M.A. RESEARCH PAPER II.** (6)
- 101-693C M.A. RESEARCH PAPER III.** (9)
- 101-694C M.A. RESEARCH PAPER IV.** (9)
- 101-696D THESIS RESEARCH I.** (12)
- 101-697A THESIS RESEARCH II.** (12)
- 101-698B THESIS RESEARCH III.** (12)

## 36 Human Genetics

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*Chair* — David S. Rosenblatt

*Program Director:*

*M.Sc. in Genetic Counselling* — R. Palmour  
*M.Sc. and Ph.D. in Human Genetics* — TBA

*Graduate Program Coordinator* — Laura Benner

### 36.1 Staff

*Professors*

E. Andermann; M.Sc., Ph.D., M.D. C.M.(McG.) (*Neurology and Neurosurgery*)  
V. Der Kaloustian; B.A.(Acad.), M.Sc., Ph.D., M.D.(McG.), D.Sc.(Acad.), F.R.S.C., F.R.C.P.S. (C) (*Pediatrics*)  
A. Duncan; B.Sc.(Queen's), Ph.D.(Edin.) (*Pathology and Pediatrics*)  
K. Morgan; B.S., M.S., Ph.D (Mich.) (*Medicine*)  
R. Palmour; B.A.(Texas W.), Ph.D.(Texas) (*Psychiatry and Biology*)  
D.S. Rosenblatt; M.D.,C.M.(McG.) (*Medicine, Pediatrics and Biology*)  
G. Rouleau; B.Sc., M.D.(Ott.), Ph.D.(Harv.) (*Medicine and Psychiatry*)  
R. Rozen; B.Sc., Ph.D.(McG.) (*Pediatrics and Biology*)  
C. Scriver; B.A., M.D.,C.M.(McG.) (*Paediatrics and Biology*)  
E. Shoubridge; B.Sc., M.Sc.(McG.), Ph.D.(Br.Col.)  
H.S. Tenenhouse; M.Sc., Ph.D.(McG.) (*Pediatrics*)

*Associate Professors*

K. Glass; M.A.(Barat), B.C.L., D.C.L.(McG.) (*Pediatrics*)  
P. Hechtman; M.Sc.(Minn.), B.Sc., Ph.D.(McG.) (*Biology and Pediatrics*)  
F. Kaplan; B.A.(Columbia), Ph.D.(McG.) (*Pediatrics*)  
D. Malo; D.U.M., M.Sc.(Montr.), Ph.D.(McG.) (*Medicine*)  
D. Radzioch; M.Sc., Ph.D.(Jagiellonian, Krakow) (*Medicine*)  
L. Russell; B.A.(Ind. U.), M.D.(Indiana) (*Pediatrics*)  
R. St-Arnaud; B.Sc.(Montr.), Ph.D.(Laval) (*Surgery*)  
E. Schurr; M.Sc., Ph.D. (Albert-Ludwigs, Freiburg) (*Medicine*)  
J. Trasler; M.D., C.M., Ph.D.(McG.) (*Pathology and Pediatrics*)

*Assistant Professors*

S. Demczuk; B.Sc., M.Sc., Ph.D. (McG.) (*Pathology and Pediatrics*)  
V. Desilets; M.D. (Laval) (*Obs. - Gyn.*)  
W. Foulkes; B.Sc., MB.BS., Ph.D.(London) (*Medicine*)  
M. Fujiwara; M.Sc.(Alta.) (*Medicine*)  
T. Hudson; M.D.(Montr.) (*William Dawson Scholar*) (*Medicine*)  
R. Koenekoop; B.Sc., M.Sc.(Utrecht), Ph.D. (Clark, Worcester), M.D.(McG.) (*Ophthalmology*)  
P. Tonin; B.Sc., M.Sc., Ph.D.(Tor.) (*Medicine*)  
E. Treacy; M.B., Bch. B.A.O., B.A.(Dub.) (*Pediatrics*)  
G. Turecki; M.D.(Escola Paulista de Medicina - Sao Paulo), Ph.D.(McG.) (*Psychiatry*)



**Lecturers**

K. Australie (*Medicine*), N. Bolduc (*Obs/Gyn*), L. Cartier (*Pediatrics*), A. Elliott (*Pediatrics*), J. Fitzpatrick (*Pediatrics, Medicine*), L. Kasprzak (*Medicine*), D. Lambert (*Pediatrics*), P. Waters (*Biochemical Genetics*), N.Wong (*Medicine*)

**Associate Members**

A. Ao; B.Sc., M.Sc., (NE Hill.), M.Phil.(Jawaharlal Nehru U.), Ph.D.(London) (OBS/GYN)  
 D. Courmoyer; M.D.(Sher.) (*Medicine*)  
 M. DuBow; M.Sc.(SUNY), M.A., Ph.D.(Indiana) (*Microbiology*)  
 E. Elstein; M.D.(Montr.) (*Cardiology*)  
 J. Genest; B.Sc.(Stanislas), M.D.(McG.) (*Cardiology*)  
 B. Gilfix; B.Sc.(Manit.), M.D., C.M.(McG.), Ph.D.(W. Ont.) (*Medicine*)  
 F. Glorieux; M.Sc.(Montr.), Ph.D.(McG.) (*Surgery*)  
 P. Goodyer; B.A.(Harv.), M.D.(Rochester) (*Pediatrics*)  
 C. Greenwood; B.Sc.(McG.), M.Sc.(Wat.), Ph.D.(Tor.) (*Medicine*)  
 I. Gupta; M.D.(Alberta) (*Nephrology*)  
 G. Hendy; B.Sc.(Sheffield), Ph.D.(London) (*Medicine*)  
 A. Karaplis; B.Sc., M.D., Ph.D.(McG.) (*Medicine*)  
 A. Lippman; B.A.(C'nell), Ph.D.(McG.) (*Epidemiology*)  
 A. Naumova; M.S.(Moscow), Ph.D.(USSR) (*OBS-GYN*)  
 A. Peterson; B.Sc.(Victoria), Ph.D. (Br.Col.) (*Medicine*)  
 C. Polychronakos; M.D.(Aristotelian, Greece) (*Endocrinology*)  
 P. Roughley; B.Sc., Ph.D.(Nottingham) (*Surgery*)  
 A. Ryan; B.Sc.(Winn.), M.Sc., Ph.D.(Queen's) (*Pediatrics*)  
 M. Shevell; B.Sc., M.D., C.M.(McG.) (*Neurology and Neurosurgery*)  
 E. Shields; B.Sc. Ball State), D.D.S., Ph.D.(Indiana) (*Dentistry*)  
 E. Skamene; M.D.(Charles U, Czech.), Ph.D.(Czech. Acad. of Sc.) (*Medicine*)  
 M. Trifiro; M.D.(McG.) (*Medicine*)

**36.2 Programs Offered****M.Sc. Degree (Genetic Counselling)**

The Department of Human Genetics offers a two-year training program leading to a 48-credit non-thesis M.Sc. (Genetic Counselling). The curriculum is designed and intended to be flexible. The number and variety of courses taken by one trainee may differ from that of another in accord with their respective academic backgrounds.

Enrolment will be limited to 6 students.

**M.Sc. and Ph.D. Degrees in Human Genetics**

The Department of Human Genetics offers research training at both the M.Sc. and Ph.D. levels. Both degrees require the completion of a thesis which is the major focus of the student's effort. A minimal amount of course work is required but specific course choices are flexible and vary according to the student's previous training and current research interest.

Most of the faculty of the Human Genetics Department are located in McGill teaching hospitals, reflecting the medically learned knowledge at the core of human genetic studies.

Faculty have a wide variety of research interests which embrace; cancer genetics, cytogenetics, reproductive biology, neurogenetics, genomic and genetic basis of human diseases. Detailed information regarding faculty research interest can be found at the Department Web page: <http://www.mcgill.ca/humgen>.

Students accepted into the Human Genetics graduate program will be paid a minimum of \$13,000, plus tuition fees. Students who are thinking of applying for admission should realize that their chances of acceptance improve if they come with a studentship award. Deadlines for scholarship applications may be anywhere from October to February.

**36.3 Admission Requirements****M.Sc. in Genetic Counselling**

**Prerequisites:** Bachelor's degree - minimum CGPA 3.0 on 4.0. Recent (5 years or less) university-level courses in the Basic Sciences (basic biology, cell and molecular, biochemistry, principles

of human genetics or basic genetics with a significant "human" component); and a *minimum* of two Social Sciences (social psychology, abnormal psychology).

**Prerequisites or corequisites:** Recent (5 years or less) university-level course in statistics.

Applicants must have obtained some experience (either paid or volunteer) working in a counselling or advisory capacity, ideally in a health care setting.

The Test of English as a Foreign Language (TOEFL) is required of students who have graduated from a non-English university outside of Canada. A score of 600 on the TOEFL paper-based test (250 on the computer-based test) is the **minimum** standard for admission.

**M.Sc. and Ph.D. in Human Genetics**

**Prerequisites:** B.Sc. – minimum CGPA 3.0/4.0 or 3.2/4.0 for the last 2 full-time academic years. Applicants must have a minimum of 6 credits in cellular and molecular biology or biochemistry, 3 credits in mathematics or statistics and 3 credits in genetics. Graduate Record Examination (GRE) scores are not required, but may be submitted. The Test of English as a Foreign Language (TOEFL) is required of students who have graduated from a non-English language university outside of Canada. A score of 600 on the TOEFL paper-based test (250 on the computer-based test) or 7 on the IELTS, is the minimum standard for admission.

Admission is based on an evaluation by the Graduate Training Committee and on acceptance by a research director who can provide adequate funding for personal and research expenses. Prospective graduate students are encouraged to contact staff members with whom they wish to study before applying for admission.

**36.4 Application Procedures****M.Sc. in Genetic Counselling**

Applications will be considered upon receipt of:

1. application form,
2. two original transcripts,
3. two original letters of reference,
4. statement of purpose,
5. test results for international students: TOEFL or IELTS,
6. application fee of \$60.00 (money order or certified cheque in Canadian funds).

Applications and documentation must be received by February 15. Interviews will be arranged during the weeks of April 15 – May 1 for the top 18 candidates. Admission to the program will be based on academic record, reference letters, statement of purpose and interview.

Applications should be sent to: Ms. Laura Benner at the Departmental address above.

**M.Sc. and Ph.D. in Human Genetics**

Applications will be considered upon receipt of:

1. application form,
2. two original transcripts,
3. two original letters of reference,
4. supervisor selection form,
5. test results for international students: TOEFL or IELTS,
6. application fee of \$60.00 (money order or certified cheque in Canadian funds).

Deadlines for applications and all supporting documents are March 1 for September admission and October 1 for January admission (foreign applications for January admission due August 1).

Applications should be sent to: Ms. Laura Benner at the Departmental address above.

### 36.5 Program Requirements

#### M.Sc. in Genetic Counselling

Students must complete 48 credits for the M.Sc. in Genetic Counselling.

#### Required Courses – Phase I (year 1) (27 credits)

177-370B	(3)	Human Genetics Applied
513-606A	(3)	Epidemiology
521-600A,B,D	(6)	Genetic Counselling Practicum
521-610A,B,D	(3)	Genetic Counselling: Independent Research Project
521-620D	(12)	Introductory Field Work Rotations

#### Required Courses – Phase II (year 2) (18 credits)

521-630D	(12)	Advanced Field Work Rotations
521-640A,B,D	(3)	Clinical Genetic
521-641A,B	(3)	Clinical Genetics II

#### Complementary Course (3 credits)

chosen from:

204-337A	(3)	Introduction to Abnormal Psychology
521-611A,B	(3)	Independent Studies
521-650A,B	(3)	Genetic Counselling: Reading Project
521-660A,B	(3)	Genetics and Bioethics

#### M.Sc. and Ph.D. in Human Genetics

The graduate program of each student is established and regularly evaluated by a three-member supervisory committee appointed by the Graduate Training Committee and chaired by the student's thesis supervisor.

All graduate students are required to participate regularly in the various seminar series and journal clubs offered by the Department.

#### M.Sc. Requirements

**Length of Program** – Three full-time terms of resident study at McGill University is the minimum time requirement to complete the Master's degree. The normal and expected duration is 2 years.

**Course Requirements** – Forty-five credits are required for the M.Sc. degree. Students must complete the courses 521-662, 680, 681, 682 (Lab techniques and M.Sc. Research I, II, III). Students must also complete 3 additional, 3 credit courses to complete their requirements. For graduate students, a "pass" mark in required courses is 65% and students are required to have a "B" average in all required courses.

**Thesis** – In Human Genetics, the M.Sc. degree is considered to be a research degree and the candidate must present a thesis which should contain original contributions to knowledge.

**Transfer from M.Sc. to Ph.D. Program** – The student's Supervisory Committee may recommend to the Graduate Training Committee that the student be permitted to transfer to the Ph.D. program. This is normally done at the end of the first year of the Master's program. Students who wish to transfer are required to take their Ph.D. Qualifying Examination before doing so.

#### Ph.D. Requirements

**Length of Program** – Candidates entering Ph.D.1 must complete at least three years of full-time resident study (6 terms). The normal and expected duration of the Ph.D. program is 4-5 years. A student who has obtained a Master's degree at McGill, or at an approved institution elsewhere, and is proceeding in the same subject towards a Ph.D. degree may, upon the recommendation of the Graduate Training Committee, enter at the Ph.D.2 level.

**Course Requirements** – Students are required to take 12 course credits. These courses may be taken in Human Genetics or in other departments and must be numbered -300 or higher. Additional courses may be required if the student's background is insufficient. A graduate pass (65% or better) is mandatory for all courses required for the Ph.D. degree.

**Ph.D. Qualifying Examination** – The Qualifying exam is a format of evaluation of the student's ability to proceed to the attainment of

the Ph.D. Students must pass the Qualifying Examination (521-700D) no later than 15 months from the date of registration in the program. Students who transfer from the Master's program must take the exam before doing so. Students who enter the Ph.D. program after completing an M.Sc. in Human Genetics at McGill must take the exam after 12 months.

### 36.6 Courses

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Timetable available on [infoMcGill](http://www.mcgill.ca/students/courses/) via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

#### M.Sc. in Genetic Counselling Courses

**521-600A,B,D GENETIC COUNSELLING PRACTICUM.** (6) Designed for students enrolled in the M.Sc. in Genetic Counselling. Students will be taught how to take family histories, read pedigrees and the basic skills required for interviewing patients. Discussions with example cases. Attendance at Genetics Rounds is compulsory.

**521-610A,B,D GENETIC COUNSELLING INDEPENDENT STUDIES PROJECT.** (3) Students enrolled in the M.Sc. in Genetic Counselling will become involved in an Independent Studies Project with a staff member. Students will also be responsible for specific assigned readings.

**521-611A,B GENETIC COUNSELLING INDEPENDENT STUDIES PROJECT.** (3) Students enrolled in the two-year M.Sc. in Genetic Counselling program will complete an independent studies project with a staff member. Students will also be responsible for specific assigned readings.

**521-620D GENETIC COUNSELLING: INTRODUCTORY FIELD WORK ROTATIONS.** (12) Students are required to spend a minimum of 600 hours in field work. They will rotate through the various laboratories (cytogenetics, biochemical/molecular genetics) and clinical settings (prenatal diagnosis, screening, medical genetics) at the Montreal Children's Hospital.

**521-630D GENETIC COUNSELLING: ADVANCED FIELD WORK ROTATIONS.** (12) Students are required to spend a minimum of 600 hours in advanced clinical work. Students will rotate through the Division of Medical Genetics at the Montreal Children's Hospital, in some of its disease-oriented clinics and screening programs; at the Neurogenetics Unit of the Montreal Neurological Hospital; and the Medical Genetics Divisions at the adult hospitals (Montreal General Hospital, Royal Victoria Hospital and the Sir Mortimer B. Davis-Jewish General Hospital).

**521-640A,B,D GENETIC COUNSELLING: CLINICAL GENETICS.** (3) This course is designed for students in the M.Sc. in Genetic Counselling program. The lectures will cover current topics in human/medical genetics (cytogenetics, biochemical genetics, molecular genetics, population genetics, etc.) related to clinical cases.

**521-641A,B GENETIC COUNSELLING: CLINICAL GENETICS II.** (3) This course is designed for students in the M.Sc. in Genetic Counselling program. The lectures will cover current topics in human/medical genetics (cytogenetics, biochemical genetics, molecular genetics, population genetics, etc.) related to clinical cases.

**521-650A,B GENETIC COUNSELLING: READING PROJECT.** (3) Students in the M.Sc. in Genetic Counselling will be assigned a Reading/Literature Search project on various topics: Bereavement, Pregnancy Loss, etc. Students will prepare and present information in seminar/discussion format.

**521-660A,B GENETICS AND BIOETHICS.** (3) This course will deal with ethical issues in the gathering, dissemination, and use of genetic information for decisions concerning reproduction, health care, and research.

**M.Sc. and Ph.D. in Human Genetics Courses**

**521-661A,B POPULATION GENETICS.** (3) This course will deal with the quantitative analysis of factors that affect the distribution of genetic variation in defined populations. Lectures and presentations.

**521-662A,B LABORATORY RESEARCH TECHNIQUES.** (3) Directed training in selected methods. Form and content are flexible to allow the department to meet specific student demands and needs.

**521-670A,B ADVANCES IN HUMAN GENETICS I.** (3) This course will deal with recent progress in human genetics, and its applications to health care, by identifying different fields including different disciplines (e.g. cancer genetics, neurogenetics), different conceptual approaches, or different methodologic approaches.

**521-671A,B ADVANCES IN HUMAN GENETICS II.** (3) This course will deal with recent progress in human genetics, and its applications to health care, by identifying different fields including different disciplines (e.g. cancer genetics, neurogenetics), different conceptual approaches, or different methodologic approaches.

**521-672A,B ADVANCES IN HUMAN GENETICS III.** (3) This course will deal with recent progress in human genetics, and its applications to health care, by identifying different fields including different disciplines (e.g. cancer genetics, neurogenetics), different conceptual approaches, or different methodologic approaches.

**521-680A,B MASTER'S THESIS RESEARCH I.** (9) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**521-681A,B MASTER'S THESIS RESEARCH II.** (12) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**521-682A,B MASTER'S THESIS RESEARCH III.** (12) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**521-701A,B,C PH.D. COMPREHENSIVE EXAM.**

**521-702A,B PH.D. SEMINAR.**

**516-602B ADVANCED TECHNIQUES IN MOLECULAR GENETICS.** (3) (Offered in conjunction with the Department of Experimental Medicine.) Precise description of available methods in molecular genetics, and rationales for choosing particular techniques to answer questions posed in research proposals for targeting genes in the mammalian genome. Emphasis placed on analysis of regulation of gene expression and mapping, strategies for gene cloning. Course divided between lectures and student seminars

**546-653A READING AND CONFERENCE.** (3) (Offered in conjunction with the Department of Pathology.)

**Related advanced undergraduate courses offered in other departments include the following:**

**Biology**

**177-370B HUMAN GENETICS APPLIED.** (3)

**177-468B TOPICS ON THE HUMAN GENOME.** (3)

**177-475B HUMAN BIOCHEMICAL GENETICS.** (3)

**177-588A ADVANCES IN MOLECULAR AND CELLULAR NEUROBIOLOGY.** (3)

**Biochemistry**

**507-450A PROTEIN STRUCTURE AND FUNCTION.** (3)

**507-454A NUCLEIC ACIDS.** (3)

**Experimental Medicine**

**516-505B SEMINARS IN IMMUNOGENETICS.** (3)

**37 Integrated Studies in Education**

Department of Integrated Studies in Education  
Education Building, Room 244  
3700 McTavish Street  
Montreal QC H3A 1Y2

Telephone: (514) 398-4525

Fax: (514) 398-4529

Website: <http://www.education.mcgill.ca>

Graduate Programs:

Education Building, Room 244

Telephone: (514) 398-4531

Fax: (514) 398-7436

*Chair* — Anthony Paré

*Director of Graduate Programs* — TBA

The administrative office is open Monday to Friday from 08:30 to 16:30. During the first week of classes, the office will remain open until 18:00.

For general information, please initially contact the Graduate Program Coordinator at (514) 398-4531.

**37.1 Staff***Emeritus Professors*

Patrick X. Dias, B.A., M.A.(Karachi), B.Ed., Ph.D.(Montr.)

Margaret Gillett, B.A., Dip. Ed.(Syd.), M.A.(Russel Sage),

Ed.D.(Col.) (*William C. Macdonald Emeritus Professor of Education*)

Wayne C. Hall, B.A., M.A.(Bishop's) (*William C. Macdonald Emeritus Professor of Education*)

Norman Henchey, B.A., B.ped., Lic.Ped.(Montr.), Ph.D.(McG.)

Jacques J. Rebuffot, B.ès L., L.ès L., D.E.S.(Aix-Marseille),  
Dip. I.E.P., Dr. 3rd Cy.(Strasbourg)

*Professors*

David Dillon, B.A.(St. Columban's), M.S.(S.W. Texas St. Univ.),  
Ph.D.(U. of Texas, Austin)

Thomas A. Francoeur, B.A. Lic. Ped., D.Ed.(Montr.), M.A.(Ott.),  
Dipl. Pst. Theol.(Brussels)

Ratna Ghosh, C.M., B.A.(Calcutta), M.A., Ph.D.(Calg.) F.R.S.C.,  
(*William C. Macdonald Professor of Education*)

Barry Levy, B.A., M.A., BRE(Yeshiva), Ph.D.(N. Y.U.)

Mary H. Maguire, B.A., B.Ed., M.A.(Montr.), M.Ed.(McG.), Cert.  
Reading (McG.) Ph.D.(Ariz.)

Bernard Shapiro, B.A.(McG.), M.A.T., Ed.D.(Harv.)

David C. Smith, B.Ed., M.A.(McG.), Ph.D.(Lond.), F.C.C.T.,  
F.R.S.A.

R. Lynn Studham, N.D.D.(Sunder.), A.R.A.(Royal Acad., Copen.),  
M.A.(E. Carolina), C.S.G.A., S.C.A.

John R. Wolforth, B.Sc.(Sheff.), M.A., Ph.D.(U.B.C.)

*Associate Professors*

Helen Amorizzi, B.Sc., M.A.(Rhode Island), Ed.D.(Boston)

Gary Anderson, B.Sc., M.A.(McG.), Ed.D.(Harv.)

Clermont Barnabe, B.Ped.(Laval), L.Ped.(Montr.),  
Ph.D.(S.U.N.Y., Buffalo)

Ann J. Beer, B.A.(Oxon.), M.A.(Tor.), D.Phil.(Oxon.)

Jon G. Bradley, B.A., M.A.(Sir G.Wms.)

Lynn Butler-Kisber, B.Ed., M.Ed.(McG.), Ed.D.(Harv.)

June E. Cooper, B.A.(Acad.), M.Ed.(Stetson)

Janet Donin, B.A.(Tor.), M.A.(Ill.), Ph.D.(Cal.) (*joint appt. with  
Educational and Counselling Psychology*)

Winston G. Emery, B.Ed., M.A.(McG.), Ph.D.(Montr.)

Nancy S. Jackson, B.A., M.A., Ph.D.(U.B.C.)

Yarema G. Kelebay, B.A., B.Ed.(Montr.), M.A.(Sir G.Wms.),  
Ph.D.(C'dia)

Cathrine Le Maistre, B.Sc., Dip.Ed.(Exeter), M.Ed., Ph.D.(McG.)

Denise Lussier, B.A.(Coll. Jesus Marie de Sillery), M.A.(Boston),  
M.Ed., Ph.D.(Laval)

Charles S. Lusthaus, B.S., M.S.(Canisius), Ph.D.(S.U.N.Y.)



Roy Lyster, B.A.(Regina), M.A.(Paris VII), B.Ed., M.Ed., Ph.D.(Tor.)  
 David D. McWethy, B.S., M.A.(Mich. St.), Ph.D.(Iowa St.) (*joint aptt. with Educational and Counselling Psychology*)  
 Christopher S. Milligan, B.A.(Sir G.Wms.), M.Ed.(McG.), Ed.D.(Tor.)  
 Claudia A. Mitchell, B.A.(Brandon), M.A.(Mt. St Vincent), Ph.D.(Alta.)  
 Ronald Morris, B.Ed., M.A., Ph.D.(McG.)  
 Anthony Paré, B.Ed, M.Ed., Ph.D.(McG.)  
 Howard N. Riggs, B.Ed.(Alta.), M.A., Ph.D.(Minn.)  
 Phyllis Shapiro, Dip.Ed.(McG.), B.A.(C'dia), M.Ed., D.Ed.(Boston)  
 Carolyn E. Turner, B.A.(Ariz.), M.Ed., Ph.D.(McG.)  
 Boyd White, B.A.(Sir G.Wms.), B.F.A.(C'dia), M.F.A.(Inst. Allende, Guanajuato), Ph.D.(C'dia)  
 Lise Winer, B.A.(Pitts.), M.A.(Minn.), Cert. Ped.(C'dia), Ph.D.(West Indies)

#### Assistant Professors

Brian J. Alters; B.Sc., Ph.D.(USC) (*William Dawson Scholar*)  
 Spencer Boudreau, B.A.(Don Bosco), B.A., M.A.(Sherb.), Ph.D.(C'dia)  
 Eric Caplan, B.A.(Tor.), M.A.(Hebrew University), Ph.D.(McG.)  
 Valentina De Krom, B.A. (Ott.), Dip.Ed., M.Sc. (McG.)  
 Steven Jordan, B.A.(Kent), M.Sc.(London), Ph.D.(McG.)  
 Kevin McDonough, B.A., B.Ed., M.Ed.(Alta.), Ph.D.(Ill.)  
 Joan Russell, B.Mus., L.Mus., M.Ed., Ph.D.(McG.)  
 Sylvia Sklar, Dip.Ed.(McG.), B.A.(C'dia), M.Ed.(McG.)  
 Elizabeth Wood, B.F.A.(York), B.F.A.(C'dia), Dip.Ed., M.A., Ph.D.(McG.)

#### Faculty Lecturers

Linda Cooper, B.A.(C'dia), M.A.(McM.)  
 Carolyn Pittenger, B.A., M.A.(SUNY Albany), M.Ed.(McG.)

#### Adjunct Professors

Gretta Chambers, B.A.(McG.)  
 Jaswant K. Guzder, B.Sc., M.D.C.M., Dip. Psychiatry(McG.)  
 Charley Levy, B.A.(Sir G.Wms.), M.A.(Middlebury)  
 Marianna McVey, B.A.(Carl.), M.A., Ed.D.(Syracuse)  
 Peter Roche de Coppens, B.Sc.(Col.), M.A., Ph.D.(Fordham)  
 Vikki Zack, B.A., Dip.Ed.(McG.), M.A.(Montr.), Ph.D.(McG.)

### 37.2 Programs Offered

The Department of Integrated Studies in Education is composed of the former Departments of Educational Studies, Culture and Values in Education, and Second Language Education. The M.A. thesis and non-thesis programs reflect the emphases in the former departments.

The Department offers M.A. thesis and non-thesis degrees and an *ad hoc* Ph.D. Applicants should take note that these degrees do not confer certification to teach in the province of Quebec.

The M.A. (non-thesis) is intended mainly to serve the needs of educational leaders in schools, colleges, and non-formal educational settings who are interested in advanced qualifications to enhance knowledge and improve professional skills.

The M.A. thesis program is research oriented. It involves extensive study of education research topics that reflect the background, interests, professional and academic aims of applicants. Examples of general categories of research focus are: philosophy of education, international and comparative education, intercultural education, development education, gender education, religious/spirituality education, values/moral education, peace education, aesthetics education, administrative processes and policies, curriculum and instruction, literacy, second language education.

Prospective applicants to the Ph.D. (*ad hoc*) program should contact the Department at (514) 398-4531.

### 37.3 Admission Requirements

1. Applicants to the M.A. thesis or non-thesis programs must hold a Bachelor's degree from a recognized university. A minimum standing equivalent to a CGPA of 3.0 on 4.0, or 3.2 out

of 4.0 for the last two full-time academic years, is required. A concentration of courses related to the area chosen for graduate work is usually required. (See #5, below.) Applicants who lack some requirements may apply as Qualifying or Special Students to take relevant courses. All course selection is made in consultation with a program advisor.

2. A mastery of spoken and written English. For international students, a TOEFL score of 580 on the paper-based test (237 on the computer-based test) is required as a minimum. The Department reserves the right to evaluate the applicant's language proficiency before initial registration.
3. A personal statement of academic and professional experience and interests (specifically, research interests for the thesis option; project interests, for the non-thesis option).
4. Two letters of recommendation, at least one of which should be from a university-level instructor; the other may be from an administrator in an educationally relevant context.
5. Further requirements applicable to specific options:

#### Master of Arts in Second Language Education (thesis option)

A minimum of 36 credits including a combination of relevant courses in anthropology, applied linguistics, linguistics, education, literature, psychology, sociology, TESL or TFSL methodology.

#### Master of Arts in Second Language Education (non-thesis option)

A minimum of 36 credits including a combination of relevant courses in applied linguistics, education, literature, psychology, sociology, TESL or TFSL methodology. Normally, two years experience in teaching TESL or TFSL.

#### Graduate Certificate in Educational Leadership

Normally, at least two years of relevant educational experience (teaching or related professional experience)

#### Master of Arts in Educational Studies (thesis and non-thesis options)

Normally, at least two years of relevant educational experience (teaching or related professional experience)

#### Master of Arts in Culture and Values in Education (thesis and non-thesis options)

A sample of recent writing, such as a term paper or publication.

### 37.4 Application Procedure

Applications will be considered upon receipt of:

1. application form;
2. official transcripts;
3. application fee of \$60;
4. two letters of reference;
5. statement of Intent;
6. curriculum vitae.

The deadlines for submitting applications are:

	Canadian/U.S. Applicants	International Applicants
Fall session	March 1	March 1
Winter session	October 1	June 1
Summer session*	February 1	December 1

\* Summer admission is only available for M.A. Culture and Values in Education.

All documentation is to be submitted directly to the Graduate Program Coordinator in the Department of Integrated Studies in Education.

### 37.5 Program Requirements

#### 37.5.1 M.A. in Culture and Values in Education

This program encourages research into educational issues that have a culture and/or values orientation as a key investigative focus on more specific topics covered in the Department.

**MASTER OF ARTS IN CULTURE AND VALUES IN EDUCATION (Thesis Option) (45 credits)****Required Courses (6 credits)**

- 411-690 (3) Research Methods  
423-615 (3) Issues in Education I

**Complementary Courses (15 credits)**

3 credits, one additional research methods course from a selective yearly list;

12 additional credits, selected in consultation with an advisor.

**Thesis Component – Required (24 credits)**

- 423-690 (6) Thesis Preparation I  
423-691 (6) Thesis Preparation II  
423-692 (12) Thesis Preparation III

**MASTER OF ARTS IN CULTURE AND VALUES IN EDUCATION (Non-thesis Option) (45 credits)****Required Courses (18 credits)**

- 411-690 (3) Research Methods  
423-615 (3) Issues in Education I  
423-633 (12) Special Project

**Complementary Courses (27 credits)**

27 credits, selected in consultation with an advisor.

**37.5.2 M.A. in Second Language Education**

This program combines theoretical and applied studies in second language education. The M.A. (Thesis option) is a research-oriented degree, approximately half of which consists of thesis research. The M.A. (Non-thesis option), consisting entirely of course work, is less research-oriented and suitable for practitioners interested in professional development with a theoretical orientation.

**MASTER OF ARTS IN SECOND LANGUAGE EDUCATION (Thesis Option) (45 credits)****Required Courses (6 credits)**

- 431-623 (3) Second Language Learning  
431-664 (3) Second Language Research Methods

**Complementary Courses (15 credits)**

15 additional credits, at least 9 of which must be chosen from the following list. Students with no background in statistics will be required to take 416-575 Educational Measurement.

*Departmental Seminars:*

- 431-506 (3) Computer/Internet and L2 Learning  
431-603 (6) Individual Reading Course  
431-616 (3) Individual Reading Course  
431-617 (3) Special Topic  
431-624 (3) Sociolinguistics and TESL  
431-627 (3) Classroom-Centred L2 Research  
431-629 (3) Second Lang. Testing & Evaluation  
431-630 (3) Qualitative and Ethnographic Studies  
431-631 (3) SL Curriculum Development  
431-632 (3) SL Literacy Development  
431-643 (3) Psycholinguistique et ens. du FLS  
431-644 (3) Sociolinguistique et ens. du FLS  
431-647 (3) Développement curriculaire  
431-651 (3) French Immersion Education in Canada

**Thesis Component – Required (24 credits)**

- 431-666 (6) Thesis Research I  
431-667 (6) Thesis Research II  
431-668 (6) Thesis Research III  
431-669 (6) Thesis Research IV

**MASTER OF ARTS IN SECOND LANGUAGE EDUCATION (Non-thesis) (45 credits)****Required Courses (9 credits)**

- 431-629 (3) Second Lang. Testing & Evaluation  
431-632 (3) SL Literacy Development  
431-664 (3) Second Language Research Methods

**Complementary Courses (9 credits)**

9 credits, three of the following courses:

- 431-623 (3) Second Language Learning  
or 431-643 (3) Psycholinguistique et ens. du FLS  
431-624 (3) Sociolinguistics and TESL  
or 431-644 (3) Sociolinguistique et ens. du FLS  
431-631 (3) SL Curriculum Development  
or 431-647 (3) Développement curriculaire

**Elective Courses (27 credits)**

Students are required to take 27 additional credits, inside or outside the Department. These are to be approved by the Graduate Program Director. Students with no background in statistics will be required to take 416-575 Educational Measurement.

Elective courses in the Department are:

- 431-506 (3) Computer/Internet and L2 Learning  
431-603 (6) Individual Reading Course  
431-616 (3) Individual Reading Course  
431-617 (3) Special Topic  
431-627 (3) Classroom-Centred L2 Research  
431-630 (3) Qualitative & Ethnographic Studies  
431-651 (3) French Immersion Education in Canada

An undergraduate language course (e.g. Spanish, Italian, Japanese) may be substituted for one 3-credit course. This course must be passed at the graduate level.

**37.5.3 M.A. in Administration and Policy Studies in Education**

(This program is no longer offered to new students.)

**MASTER OF ARTS IN ADMINISTRATION AND POLICY STUDIES IN EDUCATION (Thesis Option) (48 credits)****Required Courses (9 credits)**

- 411-612 (3) Foundations of Administration and Policy Studies in Education I  
411-613 (3) Foundations of Administration and Policy Studies in Education II  
411-690 (3) Research Methods

**Complementary Course (3 credits)**

one of the following courses:

- 411-691 (3) Quantitative Research Methods  
or 411-692 (3) Qualitative Research Methods

**Elective Courses (12 credits)**

4 graduate courses chosen in consultation with an advisor.

**Thesis Component – Required (24 credits)**

- 411-621 (6) Thesis I  
411-623 (6) Thesis II  
411-699 (12) Thesis III

**37.5.4 M.A. in Educational Studies**

This program enables graduate students to explore areas of education with special concern for the relationship between curriculum and educational leadership. The program includes the social, cultural and ideological factors that influence formal and informal contexts for learning. Particular attention is paid to the content and activity of the curriculum and to the ways in which leadership at local, national, and international levels affects the nature and practice of education. There are two possible concentrations from which a student may choose: Curriculum or Leadership.

**MASTER OF ARTS EDUCATIONAL STUDIES (Thesis Option) – Curriculum Concentration (45 credits)****Required Courses (9 credits)**

- 411-609 (3) Issues in Educational Studies  
411-620 (3) Meanings of Literacy  
455-606 (3) Seminar in Curriculum Inquiry

**Complementary Courses (6 credits)**

two of the following courses:

- 411-679 (3) Interpretive Inquiry, or equivalent  
411-690 (3) Research Methods  
411-692 (3) Qualitative Research Methods, or equivalent

**Elective Courses** (6 credits)

Two courses chosen in consultation with an advisor.

**Thesis Component – Required** (24 credits)

411-621 (6) Thesis I  
411-623 (6) Thesis II  
411-699 (12) Thesis III

**MASTER OF ARTS EDUCATIONAL STUDIES (Non-thesis Option) – Curriculum Concentration** (45 credits)**Required Courses** (12 credits)

411-609 (3) Issues in Educational Studies  
411-620 (3) Meanings of Literacy  
411-690 (3) Research Methods  
455-606 (3) Seminar in Curriculum Inquiry

**Complementary Courses** (15 credits)

Four Curriculum courses, chosen in consultation with an advisor.  
One Leadership course.

**Elective Courses** (6 credits)

Courses chosen in consultation with an advisor.

**Project Component – Required** (12 credits)

411-625 (6) Project I  
411-627 (6) Project II

**MASTER OF ARTS EDUCATIONAL STUDIES (Thesis Option) – Leadership Concentration** (45 credits)**Required Courses** (9 credits)

411-609 (3) Issues in Educational Studies  
411-610 (3) Leadership in Action  
411-673 (3) Leadership Theory in Education

**Complementary Courses** (6 credits)

two of the following courses:

411-679 (3) Interpretive Inquiry, or equivalent  
411-690 (3) Research Methods  
411-692 (3) Qualitative Research Methods, or equivalent

**Elective Courses** (6 credits)

Two courses chosen in consultation with an advisor.

**Thesis Component – Required** (24 credits)

411-621 (6) Thesis I  
411-623 (6) Thesis II  
411-699 (12) Thesis III

**MASTER OF ARTS EDUCATIONAL STUDIES (Non-Thesis Option) – Leadership Concentration** (45 credits)**Required Courses** (12 credits)

411-609 (3) Issues in Educational Studies  
411-620 (3) Meanings of Literacy  
411-690 (3) Research Methods  
455-606 (3) Seminar in Curriculum Inquiry

**Complementary Courses** (15 credits)

Four Leadership courses, chosen in consultation with an advisor.  
One Curriculum course.

**Elective Courses** (6 credits)

Two courses chosen in consultation with an advisor.

**Project Component – Required** (12 credits)

411-625 (6) Project I  
411-627 (6) Project II

**37.5.5 Graduate Certificate in Educational Leadership**

This 15-credit program addresses the needs of experienced and aspiring school leaders who are taking increased responsibility for the students and communities they serve. The management of schools is increasingly seen as making a major contribution to the learning and personal development of students. The professional development of school leaders, educational reform and school partnership form the basis for the program.

**Required Courses** (9 credits)

411-610 (3) Leadership in Action  
411-628 (3) Education Resource Management  
411-646 (3) Planning and Evaluation

**Complementary Courses** (6 credits)

Two courses chosen from the following:

411-635 (3) Fiscal Accountability in Education  
411-644 (3) Curriculum Development and Implementation  
411-637 (3) Managing Educational Change  
411-679 (3) Interpretive Inquiry  
411-693 (3) School Improvement Approaches  
411-675 (3) Special Topics in Curriculum Issues  
411-683 (3) Advanced Practicum  
411-671 (3) The Principalship  
411-660 (3) Community Relations in Education  
411-664 (3) Education and Law  
455-635 (3) Advanced Written Communication

**37.6 Courses**

The course credit weight is given in parentheses after the title.

- Denotes courses not offered 2001-02.

**411-603 READING COURSE.** (6) Independent study of an approved topic with the guidance of a faculty advisor.

**411-606 EDUCATIONAL LEADERSHIP ISSUES.** (3) Critical analysis and appraisal of leadership issues across geographic, linguistic, racial, gender and cultural contexts from a comparative perspective. Students will analyze their own experience.

- **411-608 COMPUTER TECHNOLOGY IN EDUCATION.** (3) (Prerequisite: 432-200 or equivalent (determined by the instructor.))

**411-609 ISSUES IN EDUCATIONAL STUDIES.** (3) The purpose is to explore critically the contemporary trends, issues, historical contexts and implications in curriculum and leadership through processes that engage students with each other and various members of the Department.

**411-610 LEADERSHIP IN ACTION.** (3) Teaching of the use of reflective practice as a means of developing individual theories of action in educational settings. It provides students with the knowledge, skills and attitudes necessary to engage in processes that can improve individual and organizational performance. Special emphasis will be given to communication, problem solving and decision-making.

**411-616 READING COURSE.** (3) Independent study of an approved topic with the guidance of a faculty advisor.

- **411-618 EDUCATION IN QUÉBEC.** (3)

**411-620 MEANINGS OF LITERACY.** (3) Investigation of basic issues related to definitions of literacy. Issues include new directions in literacy and education, the need for non-print literacies in contemporary life, and the challenges these changes present for educators.

**411-621 THESIS I.** (6) Departmental seminar to guide students through the process of developing a thesis proposal, identifying a supervisor, research sites and participants, and considering ethical issues.

**411-623 THESIS II.** (6) Continuation of 411-621.

**411-625 PROJECT I.** (6) Theoretical or practical project under the supervision of a departmental faculty member to explore and analyze an area of interest relevant to the concentration in leadership or curriculum.

**411-627 PROJECT II.** (6) Extension of Project I or new project.

**411-628 EDUCATION RESOURCE MANAGEMENT.** (3) An exploration of the concepts and skills necessary to manage the human and financial resources of small organizations (schools, NGOs, departments). Among the areas to be explored are labour contracts, supervision, grantsmanship, use of volunteers, managing site-based budgets.

- **411-629 QUALITY OF WORKING LIFE IN EDUCATIONAL INSTITUTIONS.** (3)



- **411-630 POLICY ISSUES IN WORKPLACE LEARNING.** (3)
- 411-634 MONOGRAPH PREPARATION AND PRESENTATION.** (12)  
(Prerequisite: Completion of required courses.) The preparation and submission of a study project dealing with some aspect of administration and policy studies in education and supported by relevant literature in the field. The monograph represents a synthesis of the M.Ed. program, tailored to the needs of individual students.
- **411-635 FISCAL ACCOUNTABILITY IN EDUCATION.** (3)
- **411-637 MANAGING EDUCATIONAL CHANGE.** (3)
- **411-640 CURRICULUM THEORY.** (3)
- **411-642 CURRICULUM DESIGN.** (3) The application of curriculum theory to the design of programs.
- **411-644 CURRICULUM DEVELOPMENT AND IMPLEMENTATION.** (3)
- **411-645 PRACTICUM IN THE SUPERVISION OF INSTRUCTION.** (3)
- 411-646 PLANNING AND EVALUATION.** (3) Knowledge and skills development in educational planning and monitoring at the service delivery unit (school, non-governmental organization, adult education centre). Areas of study include strategic management, results-based management, log frame analysis, systems assessment, stakeholders analysis, and fourth generation evaluation.
- **411-653 INSTITUTIONAL EVALUATION.** (3)
- **411-654 CASE STUDIES.** (3)
- **411-659 PROGRAM EVALUATION.** (3)
- **411-660 COMMUNITY RELATIONS IN EDUCATION.** (3)
- **411-664 EDUCATION AND LAW.** (3)
- **411-669 POLICY ISSUES IN CANADIAN EDUCATION.** (3)
- **411-671 THE PRINCIPALSHIP.** (3)
- 411-673 LEADERSHIP THEORY IN EDUCATION.** (3) Concepts of leadership and the role of leadership in educational settings.
- **411-674 ORGANIZATION THEORY AND EDUCATION.** (3)
- 411-675 SPECIAL TOPICS I.** (3) Important current issues in the field of Educational Studies. (Content varies from year to year.)
- **411-676 ORGANIZING NON-FORMAL LEARNING.** (3)
- 411-677 SPECIAL TOPICS II.** (3) Important current issues in the field of Educational Studies. (Content varies from year to year.)
- **411-679 INTERPRETIVE INQUIRY.** (3)
- **411-681 PRACTICUM IN ADMINISTRATIVE STUDIES.** (3)
- **411-682 PRACTICUM IN POLICY STUDIES.** (3) (Prerequisite: Completion of required courses.)
- **411-683 ADVANCED PRACTICUM.** (6) (Prerequisite: Completion of required courses.)
- 411-690 RESEARCH METHODS.** (3) Students will develop a critical understanding of quantitative and qualitative research in the field of Educational Studies. Students will learn about the purposes and types of research, the research process and how to evaluate and use research information.
- 411-692 QUALITATIVE RESEARCH METHODS.** (3) Theoretical and practical exploration of the foundations of qualitative methods, with emphasis on underlying principles.
- **411-693 SCHOOL IMPROVEMENT APPROACHES.** (3)
- 411-695 POLICY STUDIES IN EDUCATION.** (3) Issues in the field of policy studies with specific reference to the formulation, analysis, and assessment of educational policies.
- 411-699 THESIS III.** (12) Final synthesis of the research project.
- **423-505 EDUCATION AND SOCIAL ISSUES.** (3)
- **423-510 PHILOSOPHICAL THINKING IN THE CLASSROOM.** (3)
- 423-603 READING COURSE.** (6)
- **423-604 SELECTED EDUCATIONAL THEORIES.** (3)
- **423-605 SOCIAL AND EDUCATIONAL FUTURES.** (3)
- 423-606 PHILOSOPHY OF MORAL EDUCATION.** (3) A study of principles underlying contemporary moral education such as what con-

- stitutes moral values and judgments, normative basis for morality, and differing foundations employed in determining moral norms.
- **423-607 VALUES EDUCATION: CONTEMPORARY APPROACHES.** (3)
  - **423-608 EDUCATIONAL IMPLICATIONS OF SOCIAL THEORY.** (3)
  - **423-609 EDUCATIONAL AND PHILOSOPHICAL THOUGHT.** (3)
  - **423-611 PHILOSOPHICAL ASPECTS OF EDUCATIONAL ENQUIRY.** (3)
  - 423-614 SOCIOLOGY OF EDUCATION.** (3) Social context of schooling, including education and social stratification and socialization processes within and outside schools.
  - 423-615 ISSUES IN EDUCATION I.** (3) An examination of philosophical, aesthetic and values issues in education.
  - 423-616 READING COURSE.** (3)
  - **423-617 AESTHETICS AND EDUCATION.** (3)
  - **423-618 PERFORMANCE/STUDIO CRITIQUE I.** (3)
  - **423-622 STUDIES IN COMPARATIVE EDUCATION.** (3)
  - 423-623 ISSUES IN EDUCATION II.** (3) An examination of political, cultural, and multicultural issues in education.
  - 423-625 SPECIAL TOPICS: CULTURE IN EDUCATION.** (3) In-depth examination of topics in culture in education. Content will vary from year to year and will be announced prior to registration. (Examples: Postmodernism and Education; Antiracist Education; Cultural Relativism and Critical Thinking; Popular Culture and Education.)
  - 423-626 SPECIAL TOPICS: VALUES IN EDUCATION.** (3) In-depth examination of topics in values in education. Content will vary from year to year and will be announced prior to registration. (Examples: Spirituality and Education; Patterns of Moral/Spiritual Development; Ethics and Education.)
  - **423-630 FOUNDATIONS OF RELIGIOUS EDUCATION.** (3)
  - **423-631 THEORIES OF RELIGIOUS EDUCATION.** (3)
  - **423-632 PEACE EDUCATION.** (3)
  - 423-633 SPECIAL PROJECT.** (12) (Prerequisite: Completion of program course requirements. For non-thesis students only.) An investigation into an educational problem, or issue, or innovative practice in the student's area of concentration, supervised by the student's supervisor and with departmental approval. The student will complete the Special Project by submitting a monograph, project report or production, accompanied by a written component.
  - **423-639 EDUCATION AND DEVELOPMENT.** (3)
  - **423-641 PATTERNS OF RELIGIOUS DEVELOPMENT I.** (3)
  - **423-643 WOMEN, EDUCATION AND DEVELOPMENT.** (3)
  - **423-649 EDUCATION IN MULTICULTURAL SOCIETIES.** (3)
  - **423-651 SELECTED RESEARCH TOPICS IN THE TEACHING OF RELIGION.** (3)
  - **423-652 STUDIES IN NATIONAL EDUCATION SYSTEMS I.** (3)
  - **423-653 STUDIES IN NATIONAL EDUCATION SYSTEMS II.** (3)
  - **423-659 PRINCIPLES OF EDUCATION IN HUMAN SEXUALITY.** (3)
  - **423-672 GENDER ISSUES AND POLICY STUDIES IN EDUCATION.** (3)
  - 423-690D THESIS PREPARATION I.** (6) A supervised comprehensive study and written review of the literature in the area of the student's thesis topic.
  - 423-691D THESIS PREPARATION II.** (6) Supervised independent work leading to an elaborated written proposal of the student's thesis project, to be presented and defended at a colloquium convened by the Department.
  - 423-692D THESIS PREPARATION III.** (12) Supervised on-going research and writing pertaining to the student's thesis. Submission of the completed thesis for examination and evaluation.
  - **425-601 CONTEMPORARY ISSUES IN POST-ELEMENTARY EDUCATION.** (3)

**425-602 SPECIAL STUDIES IN THE SUBJECT AREA I.** (3) Examination of recent developments in specific topics of post-elementary education. The content of the seminar will vary from year to year and will be announced prior to registration.

**425-604 SPECIAL STUDIES IN THE SUBJECT AREA II.** (3) Examination of recent developments in specific topics of post-elementary education. The content of the seminar will vary from year to year and will be announced prior to registration.

- **425-631 PRINCIPLES, PRACTICES AND TRENDS IN VOCATIONAL EDUCATION.** (3)

- **425-651 MATHEMATICS CURRICULUM ISSUES.** (3)

**425-671 ISSUES IN SCIENCE CURRICULUM.** (3) Exploration of current research in science curricula, teaching methods, and conceptual change, and investigation of the relevant historical changes in science and science education. Students will probe these issues in relation to their interface with society, technology, work views, philosophy of science and philosophy of education.

- **425-681 SOCIAL SCIENCES SECONDARY CURRICULUM.** (3)

- **426-612 ART EDUCATION TUTORIAL.** (3) (Not open to those who have taken 426-612D 6 credits – prior to 1993.)

- **426-613 RESEARCH PAPER ON ART EDUCATION.** (6)

- **429-615 SPECIAL TOPICS IN MUSIC EDUCATION.** (3)

- **429-642 THE ROLE OF MUSIC EDUCATION IN CHILD DEVELOPMENT.** (3)

- **429-652 APPROACHES TO MUSIC CURRICULUM.** (3)

**431-506 COMPUTER/INTERNET AND L2 LEARNING.** (3) Theoretical principles, models and empirical findings relevant to computer aided language learning (CALL); review and analysis of existing CALL programs, Internet resources, and multi-media technology for second language education. Application component included.

**431-603 INDIVIDUAL READING COURSE.** (6)

**431-616 INDIVIDUAL READING COURSE.** (3)

**431-617 SPECIAL TOPIC.** (3)

**431-623 SECOND LANGUAGE LEARNING.** (3) Seminar in second language acquisition theory and research and their relevance to teaching a second language.

**431-624 EDUCATIONAL SOCIOLINGUISTICS.** (3) Seminar in the social, cultural and political dimensions of English second language learning and teaching.

**431-627 CLASSROOM-CENTERED L2 RESEARCH.** (3) Seminar in second language classroom-centered research focusing on instructional procedures and practices in relationship to learning outcomes.

**431-629 SECOND LANGUAGE TESTING AND EVALUATION.** (3) Seminar in research, theory and practice in second language testing and evaluation in relationship to learners, teachers, and programs.

**431-630 QUALITATIVE AND ETHNOGRAPHIC STUDIES.** (3) An examination of theoretical and applied issues in qualitative and ethnographic studies in second language education.

**431-631 SL CURRICULUM DEVELOPMENT.** (3) Research, theory and practice in curriculum development and teaching in second language education within contemporary frameworks.

- **431-632 SL LITERACY DEVELOPMENT.** (3)

- **431-643 PSYCHOLINGUISTIQUE ET ENSEIGNEMENT DU FRANÇAIS LS.** (3)

- **431-644 SOCIOLINGUISTIQUE ET ENSEIGNEMENT DU FRANÇAIS LS.** (3)

- **431-647 DÉVELOPPEMENT CURRICULAIRE.** (3)

- **431-651 FRENCH IMMERSION EDUCATION IN CANADA.** (3)

**431-664 SECOND LANGUAGE RESEARCH METHODS.** (3) An examination of general research procedures and specific research methods and designs employed in second language research.

**431-666 THESIS RESEARCH I.** (6) Submission of a thesis proposal.

**431-667 THESIS RESEARCH II.** (6) Presentation of thesis proposal.

**431-668 THESIS RESEARCH III.** (6) Master's thesis.

**431-669 THESIS RESEARCH IV.** (6) Master's thesis.

**431-690 MONOGRAPH.** (12)

**431-701 DOCTORAL COMPREHENSIVE EXAMINATION.**

- **433-635 MATHEMATICS ELEMENTARY CURRICULUM.** (3)

**433-655 SPECIAL TOPICS IN CURRICULUM STUDIES.** (3) A detailed examination of a selected topic. The content will vary from year to year and will be announced prior to registration.

- **433-660 SOCIAL SCIENCES CURRICULUM.** (3)

- **433-661 GLOBAL EDUCATION.** (3)

- **448-607 ISSUES IN EDUCATIONAL TECHNOLOGY.** (3)

**455-500 TUTORING WRITING.** (3) Theory and practice of teaching writing through one-on-one conferencing. Focus on composition theory and research, rules of English usage, and tutorial teaching strategies. Practical experience offered through work in Writing Tutorial Service. Relevant for anyone who teaches or will teach in English at any level and in any subject.

- **455-602 FOUNDATIONS OF CURRICULUM.** (3)

**455-603 READING COURSE.** (6) Individualized guided study of a topic in the teaching of the candidates' specialties selected according to their interest and teaching experience.

- **455-604 LITERACY AND LEARNING ACROSS THE CURRICULUM.** (3)

**455-606 SEMINAR IN CURRICULUM INQUIRY.** (3) Students will be introduced to debates that are current in curriculum studies which centre on the appropriate emphasis to be accorded to traditions of schooling. To join the debate, students will need to explore the nature of a variety of traditions and the concomitant curricular manifestations and approaches to pedagogy.

- **455-607 FOUNDATIONS OF LITERACY.** (3)

- **455-608 SELECTED READINGS IN LITERACY.** (6)

- **455-609 DRAMA AND LITERACY.** (3)

**455-610 LITERATURE: CHILDREN/YOUNG ADULTS.** (3) An examination of the growth of children's literature from the Middle Ages to modern times, with special emphasis on its reflection of social, cultural, psychological and historical events, issues and norms of the times. Particular emphasis is given to its implications for school programs.

- **455-611 ISSUES IN ADULT LITERACY.** (3)

**455-612 MEDIA LITERACY.** (3) The course examines the nature and possibilities of media literacy education in schooling, including both the development of students' ability to critically analyze the mass, visual, electronic media in society as well as the development of their own ability to utilize various new media for their own communication.

- **455-613 SELECTED READINGS IN CURRICULUM.** (6)

- **455-614 NUMERACY ACROSS THE CURRICULUM.** (3)

- **455-615 DISCOURSE IN TEACHER EDUCATION.** (3)

**455-616 READING COURSE.** (3) Individualized guided study of a topic in the teaching of the candidates' specialties selected according to their interest and teaching experience.

**455-617 SPECIAL TOPICS IN LITERACY STUDIES.** (3)

- **455-621 TRENDS AND ISSUES IN LITERACY STUDIES.** (3)

- **455-623 EMERGENT LITERACY.** (3)

**455-627 RESPONDING TO TEXTS.** (3) An examination of current theory and research on response to texts and implications for classroom practice at the elementary, secondary, and post-secondary levels. A special emphasis on the processes involved in reading texts, theories of audiences, and researching and assessing response to texts.

- **455-628 LITERACY IN MULTILINGUAL SETTINGS.** (3)

- **455-629 WRITING: THEORY, RESEARCH, AND PRACTICE.** (3)

- 455-630 ASSESSMENT OF LITERACY. (3)
- 455-631 INDIVIDUAL ASSESSMENT IN LITERACY. (3)
- 455-633 PRACTICUM IN LITERACY. (3)

**455-634 SUPERVISION OF LITERACY PROGRAMS.** (3) Development and supervision of reading and writing programs involving teachers as well as parents and children.

**455-635 ADVANCED WRITTEN COMMUNICATION.** (3) Rhetorical practices and principles that remain constant across disciplines: generating and organizing ideas; setting goals; planning; considering readers; editing and revising. Students will analyze and produce texts that use the formats, rhetorical strategies, styles, genres, and other conventions of their disciplines.

- 455-636 ISSUES IN PEDAGOGICAL PRACTICES. (3)
- 455-637 GENDER, GENRE, AND SCHOOLING. (3)
- 455-638 SCIENCE IN ELEMENTARY CURRICULUM. (3)
- 455-642 LANGUAGE DEVELOPMENT (3)
- 455-690 MONOGRAPH PREPARATION AND PRESENTATION. (12)

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## 38 Islamic Studies

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### 38.1 Staff

#### Professors

Sajida S. Alvi; B.A., M.A., Ph.D.(Punj.)

Wael B. Hallaq; B.A.(Haifa), Ph.D.(Wash.)

Eric L. Ormsby; B.A.(Penn.), M.A.(Princ.), M.L.S.(Rutgers),  
Ph.D.(Prin.)

#### Associate Professor

A. Uner Turgay; B.A.(Robert Coll., Istanbul), M.A., Ph.D.(Madison-Wisc.)

#### Lecturers (part-time)

Issa J. Boullata; Ph.D.(Lond.) (post-retirement)

Henry Habib; Ph.D.(McG.)

Faruq Hassan; Ph.D.(Leeds)

Gabriel Karam; M.A.(McG.)

Donald P. Little; B.A.(Vanderbilt), M.A.(Stan.), Ph.D.(Calif.)  
(post-retirement)

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### 38.2 Programs Offered

Courses of study and research are offered leading to the degrees of M.A. and Ph.D. in Islamic Studies, and a Graduate Diploma in Islamic Studies.

The Institute of Islamic Studies is concerned with the disciplined study of Islamic civilization throughout the scope of its history and geographical spread. It gives attention to the origins of Islam, to the rise of the civilization in which Islamic faith was the vivifying factor, to the forces which shaped the civilization and the changes it has undergone. It is also concerned with the contemporary dynamics of the Islamic world as Muslims seek to relate their heritage from the past to the present. Courses, seminars and possibilities for research are offered in Islamic languages, in Islamic history, in the social institutions of the Islamic world, in Islamic thought, and in modern developments in various regions of the Islamic world.

The Islamic Studies Library is especially strong in its reference materials and periodical holdings for the Islamic regions. The collection, one of the largest in North America, contains approxi-

mately 100,000 volumes in the principal European languages as well as in Arabic, Persian, Turkish, Urdu and other Islamic languages.

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### 38.3 Admission Requirements

Applicants must have a degree (B.A. or M.A.) from a recognized university, with a *minimum* Cumulative Grade Point Average (CGPA) of 3.0 out of 4 (or equivalent), OR a Grade Point Average (GPA) of 3.2 out of 4 in the last two years of full-time studies, according to Canadian standards. The degree should be in the Humanities or Social Sciences, preferably in Islamic or Middle Eastern Studies.

Applicants whose first language is not English and who have not studied in an institution where English is the language of instruction, must submit acceptable evidence of competence in English before their application for admission can be considered. The Test of English as a Foreign Language (TOEFL) with a minimum score of 550 on the paper-based test (213 on the computer-based test) OR an IELTS score of at least 6.5 overall band are acceptable at McGill University. Only TOEFL or IELTS scores will be accepted. No other test scores will be considered. GRE scores are not required.

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### 38.4 Application Procedures

Applications will be considered upon receipt of:

1. McGill University application form.
2. Two originals of all official university transcripts (B.A. and/or M.A. if applicable).
3. Two letters of recommendation for M.A. applications OR three letters of recommendation for Ph.D. applications.
4. Application fee of \$60.00 (money order or certified cheque in Canadian funds).
5. TOEFL or IELTS test results.
6. Proof of Citizenship (*certified* photocopy of passport, birth certificate or equivalent).
7. Institute of Islamic Studies Academic Background form.
8. Copy of M.A. thesis for Ph.D. applicants.

All application documents must be submitted directly to the Chair, Admissions Committee, Institute of Islamic Studies before March 1st.

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### 38.5 Program Requirements

#### M.A. Degree (51 credits)

Students registered in the M.A. program must fulfill the following criteria in order to receive their Master's degree:

- a) residence requirement (see Guidelines of Faculty of Graduate Studies and Research);
- b) course work: 27 credits which must include at least one 700-level seminar course offered by the Institute, and Lower Intermediate Arabic 397-522D (as the Language Requirement);
- c) Research Materials 397-603A ("Pass" - not for credit);
- d) Thesis courses (24 credits in all): 397-697 (6 credits), 397-698 (6 credits) and 397-699 (12 credits).

#### Ph.D. Degree

The Ph.D. program requirements are:

- a) five 6-credit courses (or equivalent) for a total of 30 credits beyond the M.A. level, including two 700-level seminars offered by the Institute;
- b) Higher Intermediate Arabic (397-523D), or equivalent;
- c) knowledge of an Islamic language, other than Arabic, at the second year level;
- d) knowledge of a European language at the second year level (i.e. French, German, Russian, Spanish, Dutch, Italian)
- e) comprehensive examinations in four specified fields (course #397-701);



- f) a dissertation judged to contain original research. Upon approval of the dissertation, "pass" must be received at the final oral examination.

### Graduate Diploma in Islamic Studies

With a B.A. in Islamic Studies (or its equivalent), applicants may be admitted to this non-degree program, which requires the completion of 30 credits of course work *in one academic year*. Candidates will choose a minimum of 18 credits from graduate courses in Islamic Studies and a maximum of 12 credits from graduate courses in related fields. If awarded this Diploma with high standing, they may be allowed to proceed to a higher degree in Islamic Studies.

### 38.6 Courses for Higher Degrees

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Time-table available on [infoMcGill](http://www.mcgill.ca/students/courses/) via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered in 2001-02.

★ Denotes courses offered in alternate years.

- ★ **397-410A HISTORY OF THE MIDDLE EAST 1798-1918.** (3) (3 hours)

★ **397-411A HISTORY OF THE MIDDLE EAST 1918-1945.** (3) (3 hours) The impact of WW I on Middle Eastern society and politics; the British and French mandates; the growth of nationalisms, revolutions and the formation of national states; WW II and the clash of political interests within the region.

**397-505A ISLAM: ORIGIN AND EARLY DEVELOPMENTS.** (3) (3 hours) The Qur'an, Hadith, the Shari'a and their major themes. The early development of law, theology and Sufism. The development and formation of an Islamic "orthodoxy", the development and nature of competing interpretations of Islam during the Classical Period. Topics: God, revelation, prophecy, the community and the individual and the meaning of history.

**397-506B ISLAM: LATER DEVELOPMENTS.** (3) (3 hours) How the basic elements of Islam have been understood in the course of later Islamic history up to the present day. The nature and development of Shi'ism, Sufi brotherhoods, major intellectual trends, Islam in a world of nation states, diaspora. The challenges of modernity and the contemporary world.

★ **397-510D HISTORY OF ISLAMIC CIVILIZATION: THE CLASSICAL PERIOD.** (6) (3 hours) The origins of the early Islamic state in Arabia and the Umawi Caliphate. The growth of an Islamic civilization, and the "Abbasid Empire" until the Seljuk period. The rise of the Fatimids. The Caliphate of Cordoba.

- ★ **397-511D HISTORY OF ISLAMIC CIVILIZATION: THE MEDIEVAL PERIOD.** (6) (3 hours)

**397-521D INTRODUCTORY ARABIC.** (9) (5 lecture hours and laboratory) Modern Standard Literary Arabic (non-spoken)

**397-522D LOWER INTERMEDIATE ARABIC.** (6) (3 lecture hours and laboratory) (Prerequisite: 397-521D or equivalent)

**397-523D HIGHER INTERMEDIATE ARABIC.** (6) (3 hours) (Prerequisite: 397-522D or equivalent)

**397-531D SURVEY OF THE DEVELOPMENT OF ISLAMIC THOUGHT.** (6) (3 hours) A survey of the development of the major intellectual traditions of Islamic civilization in medieval and modern times.

**397-532D INTRODUCTORY TURKISH.** (6) (3 lecture hours plus conference and laboratory)

**397-533D LOWER INTERMEDIATE TURKISH.** (6) (3 lecture hours plus conference and laboratory) (Prerequisite: 397-532D or equivalent)

**397-541D INTRODUCTORY PERSIAN.** (6) (3 hours)

**397-542D LOWER INTERMEDIATE PERSIAN.** (6) (3 hours) (Prerequisite: 397-541D or equivalent)

**397-551D INTRODUCTORY URDU.** (6) (3 hours) Introduction to the basic grammatical structures and vocabulary of the Urdu language, including drills in pronunciation and sentence structures.

**397-552D INTERMEDIATE URDU.** (6) (3 hours) (Prerequisite: 397-551D or equivalent.) Assuming a knowledge of basic grammar and vocabulary, this course continues with the study of more complex grammatical structures. Reading and composition exercises in Urdu script are designed to give students intermediate competency in the language.

- **397-601D ISLAM IN INDONESIA** (6)

**397-603A RESEARCH MATERIALS FOR ISLAMIC STUDIES.** (Non-credit) (2 hours) (Compulsory for M.A. students; recommended for Ph.D. students.) Some discussion of research methods, the preparation of reports and essays, documentation; transliteration; WWW/Gophers/Databases and on-line catalogue searching; resources for research and teaching. Particular attention given to special reference books and serials used in the field.

- **397-604B ARABIC MANUSCRIPT TRADITION.** (3)

**397-697D M.A. THESIS RESEARCH I.** (6) Six credits for accepted thesis proposal.

**397-698D M.A. THESIS RESEARCH II.** (6) Six credits on submission of completed thesis.

**397-699D M.A. THESIS RESEARCH III.** (12) Twelve credits for thesis passed by Internal and External examiners.

**397-701D PH.D. COMPREHENSIVE EXAMINATION.**

- **397-704D TOPICS IN ISLAMIC THEOLOGY.** (6) (Seminar 2 hours)

- ★ **397-705D STATE AND GOVERNMENT IN ISLAM.** (6)

- **397-706D ISLAMIC LAW.** (6)

★ **397-707A QUR'AN EXEGESIS. (CLASSICAL)** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic.) A study of two or three suras of the Qur'an as interpreted by classical exegetes. The suras considered will vary from year to year.

- ★ **397-708A QUR'AN EXEGESIS. (MODERN)** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic.)

- **397-711A ISLAMIC JURISPRUDENCE.** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic.)

- **397-712B HISTORY OF SOUTHEAST ASIAN ISLAM.** (3) (Seminar 2 hours)

- **397-713A ISLAM AND NATION STATES IN SOUTHEAST ASIA.** (3) (Seminar 2 hours)

**397-715B ADVANCED STUDIES IN ISLAMIC LAW.** (3) (Seminar, 2 hours) (Prerequisite: Reading knowledge of Arabic and 397-711 or consent of the instructor.) An intensive investigation of the theory of law and methodology of juristic construction as expounded in the classical Arabic texts of Islamic jurisprudence.

**397-716A ISLAMIC LEGAL DISCOURSE.** (3) A study of the modes in which medieval Muslim jurists gave expression to their individual theories of law.

- ★ **397-723D ISLAMIC DEVELOPMENTS IN MODERN INDIA AND PAKISTAN.** (6)

- ★ **397-732D THE RISE AND EVOLUTION OF NATIONALISM AMONG MUSLIM PEOPLES.** (6)

**397-735A,B SPECIAL TOPICS.** (3)

**397-736A, B SPECIAL TOPICS.** (3)

**397-739A,B SPECIAL TOPICS.** (3)

- **397-740D THE MYSTICAL TRADITION OF ISLAM.** (6) (Seminar 2 hours)

- **397-741D THE PHILOSOPHICAL TRADITION IN ISLAM.** (6) (Seminar 2 hours)

- **397-742D PHILOSOPHICAL TRADITION IN ISLAM.** (6) (Seminar 2 hours)

**397-745A,B SPECIAL SEMINAR.** (3)

★ **397-752D SOCIAL AND ECONOMIC DEVELOPMENTS IN MUSLIM COUNTRIES.** (6) (Seminar, 2 hours) A study of development problems in the light of a historical survey of various reform policies in different countries; contemporary ideas of, and policy towards, development as shown in economic, technical, political and educational measures; with emphasis on the relevance of Islamic values to development problems.

● **397-758B ARABIC HISTORIOGRAPHY: THE CLASSICAL PERIOD.** (3) (Seminar, 2 hours) (Prerequisite: Reading knowledge of Arabic.)

● **397-759A,B ARABIC HISTORIOGRAPHY: THE MEDIEVAL PERIOD.** (3) (Seminar, 2 hours) (Prerequisite: Reading knowledge of Arabic.)

● ★ **397-761D THE MUGHALS AND THE SAFAVIDS.** (6) (Seminar 2 hours)

● ★ **397-764D OTTOMAN HISTORY.** (6) (Seminar 2 hours)

**397-777D ISLAMIC PHILOSOPHY.** (3) (Seminar 2 hours) Consideration of the development of philosophic thought among the Muslims. Classical Arabic or Persian writings will be used.

● **397-778A THE QUR'AN AND ARABIC STYLISTICS.** (3) (Seminar 2 hours)

**397-789D SPECIAL TOPICS.** (6)

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## 39 Italian Studies

Department of Italian Studies  
688 Sherbrooke Street West, Room 441  
Montreal, QC H3A 3R1  
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Fax: (514) 398-3218  
Email: [italian@po-box.mcgill.ca](mailto:italian@po-box.mcgill.ca)

*Chair* — Lucienne Kroha

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### 39.1 Staff

*Emeritus Professor*

Pamela D. Stewart; B.A.(Montr.), M.A.(McG.), F.R.S.C.

*Professor*

Maria Predelli; Dott.Lett.(Florence)

*Associate Professors*

Sergio M. Gilardino; Dott.Lett.(Milan), Ph.D.(Harv.)

Lucienne Kroha; B.A., M.A.(McG.), Ph.D.(Harv.)

*Assistant Professor*

Elena Lombardi; Dott.Lett(Pavia), M.A., Ph.D.(NYU)

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### 39.2 Programs Offered

M.A. (thesis and non-thesis option).

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### 39.3 Admission Requirements

The B.A. degree with Honours or Joint Honours in Italian or its equivalent and a CGPA of 3.20 constitute the minimum requirement. Applicants who do not have these prerequisites may be admitted to a Qualifying Year, or, in some cases, to a Qualifying Term.

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### 39.4 Application Procedures

Applications will be considered upon receipt of:

1. application form;
2. two official copies of transcripts;
3. two letters of reference;
4. a sample critical essay, written in Italian;
5. for international students, TOEFL test results;

6. application fee of \$60.00 (money order, certified cheque in Canadian funds or credit card).

Deadline: June 1 for Canadian applicants, March 1 for international applicants.

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## 39.5 Program Requirements

### M.A. Degree (48 credits)

The course work, the thesis and/or research papers must demonstrate that the student possesses a sound knowledge of the language, is familiar with all periods of Italian literature and has developed the background and skills necessary to carry out scholarly research.

The Faculty regulations concerning the M.A. degree, as stated in the General Information and Faculty Regulations Section of the Faculty of Graduate Studies and Research Calendar, apply.

### M.A., thesis option:

#### Required Courses (12 credits)

132-602 (6) History of Italian Literature  
132-610 (3) Italian Bibliography  
132-680 (3) Problems in Italian Literature

#### Complementary Courses (12 credits)

3 credits, one of:

- 132-590 (3) Italian Literary Criticism; or
- 132-620 (3) Contemporary Literary Criticism; or
- one 3-credit graduate course in Literary Theory offered by another department and chosen in consultation with an advisor; and

9 additional credits from among the graduate courses offered by the Department

#### Thesis Component – Required (24 credits)

132-698 (6) Thesis Preparation  
132-699 (18) Thesis

Thesis work is subdivided into two phases. The first 6 credits shall be attributed to a written presentation which will include:

(a) a review of the literature pertinent to the thesis, (b) the definition of the thesis research project within the parameters of the critical literature, and (c) an indication of how the research project will be carried out. The remaining 18 credits shall be attributed upon completion of the thesis.

### M.A., non-thesis option:

#### Required Courses (12 credits)

132-602 (6) History of Italian Literature  
132-610 (3) Italian Bibliography  
132-680 (3) Problems in Italian Literature

#### Complementary Courses (24 credits)

3 credits, one of:

- 132-590 (3) Italian Literary Criticism; or
- 132-620 (3) Contemporary Literary Criticism; or
- one 3-credit graduate course in Literary Theory offered by the English Department; and

21 additional credits from among the graduate courses offered by the Department

#### Research Papers (12 credits)

132-690 (6) Research Paper I  
132-691 (6) Research Paper II

A maximum of 6 credits may be taken outside the Italian Department, upon the advice of the Supervisor and with the permission of the Graduate Studies Director. In exceptional cases, when program requirements could not be fulfilled otherwise, students may take courses on "Selected Topics in Italian Literature" (132-606 and 132-607) offered as tutorials.

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## 39.6 Courses

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Timetable available on **infoMcGill** via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered in 2001-02.

- **132-530 17TH – 18TH CENTURY CULTURE.** (3)

- **132-542B ITALY'S REGIONAL LITERATURE.** (3)

**132-551B BOCCACCIO AND THE ITALIAN NOVELLA.** (3) A study of Boccaccio's Decameron and of Italian narrative prose up to the sixteenth century.

- **132-552 THE ITALIAN DRAMA OF THE RENAISSANCE.** (3)

- **132-562 PETRARCH AND PETRARCHISM.** (3)

**132-563 13TH – 16TH CENTURY LITERATURE.** (3) Topic for 2001-02: Dante's Paradise.

- **132-590A ITALIAN LITERARY CRITICISM.** (3)

**132-602D,N HISTORY OF ITALIAN LITERATURE.** (6) Reading Course. The students will acquire familiarity with all the periods and relevant aspects of Italian literature. The long range perspective adopted for this course will enable them to recognise the links between literary developments and the corresponding historical evolution of Italian society

- **132-606A,B,C SELECTED TOPICS IN ITALIAN LIT. I.** (3)

- **132-607A,B,C SELECTED TOPICS IN ITALIAN LIT. II.** (3)

**132-610A BIBLIOGRAPHY OF ITALIAN LITERATURE.** (3) Tools for literary research: encyclopedias, dictionaries, bibliographies, journals, Internet sites, library catalogues. Tools for linguistic research: historical, specialized, Italian-dialect, etymological vocabularies. History of the book: manuscript, early printing, catalogues of incunabula and of early books.

**132-619A,B TOPICS IN LITERARY THEORY.** (3) An introduction to some of the main subjects and authors of modern literary theory. Topics may include reception theory, deconstruction, postmodernism, cultural studies, formalism and structuralism, semiotics, gender studies, psychoanalysis, Marxism, translation and subjectivity.

- **132-620 CONTEMPORARY LITERARY CRITICISM.** (3)

- **132-640A ITALIAN LITERATURE AND THE WESTERN CULTURAL TRADITION.** (3)

- **132-650 ITALIAN LITERATURE AND FOLKLORE.** (3)

- **132-680B PROBLEMS IN ITALIAN LITERATURE.** (3)

**132-690A,B,C RESEARCH PAPER I.** (6) For students in non-thesis option only.

**132-691A,B,C RESEARCH PAPER II.** (6) For students in non-thesis option only.

**132-698A,B,C THESIS PREPARATION.** (6) A written presentation which will include: (a) a review of the literature pertinent to the thesis, (b) the definition of the thesis research project within the parameters of the critical literature, and (c) an indication of how the research project will be carried out.

**132-699D,N THESIS.** (18) Completion of the thesis.

## 40 Jewish Studies

Department of Jewish Studies  
3438 McTavish Street  
Montreal, QC H3A 1X9  
Canada

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Fax: (514) 398-5158

Website: <http://www.arts.mcgill.ca/programs/jewish/>

Chair — Gershon Hundert

### 40.1 Staff

#### Professors

Gershon Hundert; B.A., M.A.(Ohio St.), Ph.D.(Col.) (*Leonor Segal Professor of Jewish Studies*) (joint appt. with History)  
B. Barry Levy; B.A., M.A., B.R.E.(Yeshiva), Ph.D.(N.Y.U.)

#### Associate Professors

David Aberbach; B.A.(U.C.,Lon.) M.Litt. Ph.D.(Oxon.)  
Lawrence Kaplan; B.A.(Yeshiva), M.A., Ph.D.(Harv.)  
Eugene Orenstein; B.A.(C.C.N.Y.), M.A., Ph.D.(Col.)

#### Assistant Professors

Eric Caplan; B.A., M.A., Ph.D.(McG.) (*joint appt. with Integrated Studies in Education*)

Yael Halevi-Wise; B.A.(Heb.U.), M.A.(Georgetown), Ph.D. (Princeton) (*joint appt. with English*)

#### Adjunct Professor

Ruth Wisse; M.A.(Col.), Ph.D.(McG.)

### 40.2 Programs Offered

M.A. in Jewish Studies. (An *ad hoc* Ph.D. in Jewish Studies can be arranged. Please contact the Department.)

The Department of Jewish Studies offers both thesis and non-thesis M.A. Programs:

The **thesis** option is intended for students interested in one of two specific areas: the History of Jewish Interpretation of the Bible or East European Jewish Studies. These areas are broadly construed to accommodate the range of research interests in the Department.

The **non-thesis** program permits students to acquire a generalist degree in Jewish Studies with advanced work in the areas of Jewish History, Thought and Literature.

### 40.3 Admission Requirements

All applicants to the graduate program must hold an Honours B.A. in Jewish Studies or the equivalent. Students whose backgrounds are, in the opinion of the staff, inadequate in one or more areas will be required to pursue qualifying programs to eliminate these deficiencies.

Students seeking admission to the History of Jewish Interpretation of the Bible or to the non-thesis option must demonstrate competence in Hebrew. Those pursuing a program in East European Jewish Studies, or the non-thesis option, must demonstrate fluency in either Yiddish or Hebrew.

Applicants are also required to submit samples of their academic work in Jewish Studies as well as the appropriate references, transcripts and examination scores. A personal interview is strongly recommended but not required.

### 40.4 Application Procedures

Applications will be considered upon receipt of:

1. application form,
2. transcripts,
3. letters of reference,
4. \$60 application fee,
5. GRE scores (if available),
6. samples of applicant's academic work.

The application deadline is February 1 for fall admissions. Application inquiries should be addressed to the Graduate Coordinator, (514) 398-3977. Email: [cparis1@po-box.mcgill.ca](mailto:cparis1@po-box.mcgill.ca).

### 40.5 Program Requirements

#### M.A. (thesis) Degree (45 credits)

Thesis option students must specialize in one of the following two areas:

- Area I: The History of Jewish Interpretation of the Bible (includes additional language requirement, as noted below);
- Area II: East European Jewish Studies.



**M.A., with thesis****Area I – The History of Jewish Interpretation of the Bible****Required Courses** (9 credits)

- 135-510 (3) Jewish Bible Interpretation I  
 135-511 (3) Jewish Bible Interpretation II  
 135-699A,B (3) Research in Jewish Studies

**Complementary Courses** (12 credits)

An additional 12 credits of courses, seminars, or tutorials.

**Thesis Component – Required** (24 credits)

- 135-690 (3) M.A. Thesis I: Area I  
 135-691 (6) M.A. Thesis II: Area I  
 135-692 (12) M.A. Thesis III: Area I  
 135-694 (3) M.A. Thesis IV: Area I

Students must also master an additional language (not Hebrew) in which primary documents of Jewish Bible Interpretation have been written; in most cases, this will be Aramaic, but classical Arabic and Greek are accepted. Mastery is normally determined by an examination administered by the department.

**M.A., with thesis****Area II – East European Jewish Studies****Required Courses** (3 credits)

- 135-699A,B (3) Research in Jewish Studies

**Complementary Courses** (18 credits)

6 credits to be taken from:

- 135-602 (3) East European Jewish History I  
 (or other appropriate tutorial, seminar or topics course).  
 135-603 (3) East European Jewish History II  
 (or other appropriate tutorial, seminar or topics course).

An additional 12 credits of courses, seminars, or tutorials.

**Thesis Component – Required** (24 credits)

- 135-695 (3) M.A. Thesis I: Area II  
 135-696 (6) M.A. Thesis II: Area II  
 135-697 (12) M.A. Thesis III: Area II  
 135-601 (3) M.A. Thesis IV: Area II

**M.A., non-thesis option** (45 credits)**Required Course** (3 credits)

- 135-699A,B (3) Research in Jewish Studies

**Complementary Courses** (42 credits)

Students will normally take 15 credits in two of the following areas and 12 credits in the third.

(The substitution of credits in related disciplines outside of Jewish Studies may be permitted if appropriate.)

*Jewish Thought* (12 or 15 credits)

- 135-510 (3) Jewish Bible Interpretation I  
 135-511 (3) Jewish Bible Interpretation II  
 135-542 (3) Abraham Ibn Ezra as Parshan  
 135-543 (3) Medieval Jewish Thought  
 135-544 (3) Nachmanides as Parshan  
 135-555 (3) The Bible in Jewish Philosophy  
 135-556 (3) Modern Parshanut  
 135-558 (3) Topics in Jewish Thought  
 135-661 (3) Modern Jewish Thought

*Jewish History* (12 or 15 credits)

- 135-585 (3) Tutorial in East European Jewish Studies I  
 135-586 (3) Tutorial in East European Jewish Studies II  
 135-602 (3) East European Jewish History I  
 135-603 (3) East European Jewish History II  
 101-655 (6) Tutorial in Jewish History  
 101-677 (6) Seminar in Jewish History

*Jewish Literature* (12 or 15 credits)

- 135-502 (3) Contemporary Hebrew Literature  
 135-510 (3) Jewish Bible Interpretation I  
 135-511 (3) Jewish Bible Interpretation II  
 135-520 (3) Bible Interpretation in Antiquity  
 135-521 (3) The Bible in the Dead Sea Scrolls  
 135-522 (3) Topics in Ancient Bible Interpretation

- 135-530 (3) Topics in Yiddish Literature I  
 135-531 (3) Topics in Yiddish Literature II  
 135-532 (3) Narrative Midrash  
 135-533 (3) Halakhic Midrash  
 135-534 (3) Homiletical Midrash  
 135-535 (3) Exegetical Midrash  
 135-536 (3) Readings in Aramaic Bible Translations  
 135-537 (3) The Bible in the Talmud Bavli  
 135-538 (3) Early Rabbinic Parshanut  
 135-541 (3) Medieval Ashkenazic Parshanut  
 135-546 (3) Innovative Medieval Parshanut  
 135-547 (3) Mystical Biblical Interpretation  
 135-548 (3) Medieval Parshanut  
 135-550 (3) The Bible in Hebrew Literature  
 135-551 (3) Twentieth-Century Parshanut  
 135-554 (3) Modern Jewish Bible Scholars  
 135-555 (3) The Bible in Jewish Philosophy  
 135-556 (3) Modern Parshanut  
 135-571 (3) Biblical Literature  
 135-572 (3) Aggadah in Historical Scholarship  
 135-573 (3) History of the Hebrew Bible Text  
 135-574 (3) Bible in Responsa Literature  
 135-575 (3) Topics in Parshanut  
 135-581 (3) Aramaic Language  
 135-582 (3) Hebrew and Aramaic Philology  
 135-587 (3) Seminar in Jewish Literature I  
 135-588 (3) Seminar in Jewish Literature II

**40.6 Courses**

**NOTE:** All undergraduate courses administered by the Faculties of Arts and of Science (courses at the 100- to 500-level) have limited enrolment.

The names of course instructors are listed on the Course Time-table available on *infoMcGill* via the Web <http://www.mcgill.ca/students/courses/>.

The course credit weight is given in parentheses after the title.

- Denotes courses not offered in 2001-02.

**135-502B CONTEMPORARY HEBREW LITERATURE.** (3) Close reading of selected texts representative of Israeli Hebrew literature. Attention will be paid to stylistic and thematic innovations in poetry and in narrative.

**135-510A JEWISH BIBLE INTERPRETATION I.** (3) (Not open to students who have taken 135-512.) The issues, approaches, and texts of Jewish Bible interpretation between the Biblical and talmudic eras: Bible interpretation in the Bible, Greco-Roman Jewish literature, the Mishnah, Tosefta, Targumim, and Talmudim; early Samaritan interpretation, Bible interpretation in ancient synagogue art, and in the massoretic literature.

**135-511B JEWISH BIBLE INTERPRETATION II.** (3) (Not open to students who have taken 135-512.) The issues, problems, approaches, and texts of Jewish Bible interpretation in medieval, renaissance, early modern, and modern times. Interpretation in the Geonic, Ashkenazi, Sefardic, North African, Italian, European, Yemenite, North American and Israeli centres of Jewish learning.

**135-523A,B ANCIENT BIBLE INTERPRETATION.** (3) Advanced level work in one aspect of Jewish Bible interpretation in ancient times.

**135-530A TOPICS IN YIDDISH LITERATURE.** (3) Supervised research in Yiddish literature. Work will focus on one genre, literary school or author.

**135-531B TOPICS IN YIDDISH LITERATURE.** (3) Supervised research in Yiddish literature. Work will focus on one genre, literary school or author.

**135-533B TOPICS IN YIDDISH LITERATURE.** (3) Supervised research in Yiddish literature. Work will focus on one genre, literary school or author.

- **135-534A HOMILETICAL MIDRASH.** (3) .

**135-535A EXEGETICAL MIDRASH.** (3)

**135-538A EARLY RABBINIC PARSHANUT I.** (3) Advanced level work on one aspect of Jewish Bible interpretation in late antiquity.

**135-541B MEDIEVAL ASHKENAZI PARSHANUT.** (3) Issues, techniques and texts of Jewish Bible study in medieval France and Germany; Rashi, Qara, Rashbam, the Tosafists, etc.

**135-543A MAIMONIDES AS PARSHAN.** (3) (Not open to students who have taken 135-540.) Biblical Interpretation in the Guide of the Perplexed and related writings.

- **135-544B NACHMANIDES AS PARSHAN.** (3)

- **135-546 INNOVATIVE MEDIEVAL PARSHANUT.** (3)

- **135-548A MEDIEVAL PARSHANUT.** (3) Advanced level work in one aspect of Jewish Bible interpretation in medieval times.

**135-549 TOPICS IN BIBLICAL INTERPRETATION.** (3)

- **135-554 MODERN JEWISH BIBLICAL SCHOLARSHIP.** (3)

**135-555 THE BIBLE IN JEWISH PHILOSOPHY.** (3) This course will explore the interplay between systematic thought and hermeneutics by examining how representative modern Jewish philosophers have read the Bible. Among figures to be discussed are: Nahman Krochmal, Hermann Cohen, Martin Buber, and A.J. Heschel.

**135-556A MODERN PARSHANUT I.** (3) (Not available to students who have taken 135-560.) A specialized study of one aspect of modern Jewish Bible Interpretation. Topic for 2000: Josef Soloveitchik.

- **135-558B TOPICS IN MODERN JEWISH THOUGHT.** (3)

- **135-572 AGGADAH IN HISTORICAL SCHOLARSHIP.** (3)

**135-573B HISTORY OF HEBREW BIBLE TEXT.** (3) (Not open to students who have taken 135-507.) The text of the Hebrew Bible as it evolved between antiquity and the most recent printed edition. Attention will be given to the accurate reconstruction of the Bible from primary and secondary witnesses: Greek and Aramaic translations, Dead Sea Scrolls, and ancient quotations, and the Massoretic notes and lists.

**135-574 BIBLE IN RESPONSA LIT.** (3) The interpretation of the Bible as it emerges from the treatment received in rabbinic responsa literature between early post-talmudic times and today. Great emphasis is placed on doing original work with the responsa, their texts and their sources.

**135-575A,B TOPICS IN PARSHANUT.** (3) Advanced level work in one aspect of Jewish Bible Interpretation that cuts across all periods of Jewish Bible interpretation.

- **135-581 ARAMAIC LANGUAGE.** (3) (Not open to students who have taken 135-506.)

**135-585A, 586B TUTORIAL IN EAST EUROPEAN STUDIES.** (3)

**135-587A SEMINAR IN JEWISH LITERATURE.** (3)

**135-588B SEMINAR IN JEWISH LITERATURE.** (3)

**135-589A,590B SEMINAR IN JEWISH STUDIES.** (3)

**135-601A,B M.A. THESIS IV: AREA II.** (3) Preparation and submission of an acceptable thesis.

**135-602A EAST EUROPEAN JEWISH HISTORY I.** (3) (1500-1800) Studies on specific issues and problems related to the social and cultural history of the Jews in Eastern Europe.

**135-603B EAST EUROPEAN JEWISH HISTORY II.** (3) (1500-1800) Studies on specific issues and problems related to the social and cultural history of the Jews in Eastern Europe.

**135-621A,B ANCIENT BIBLE INTERPRETATION.** (3) M.A. and Ph.D. tutorial in ancient Jewish Bible Interpretation.

**135-631A,B EARLY RABBINIC PARSHANUT.** (3) M.A. and Ph.D. tutorial in early rabbinic Bible interpretation.

**135-641A,B MEDIEVAL BIBLE INTERPRETATION.** (3) M.A. and Ph.D. level tutorial in medieval Bible interpretation.

**135-651A,B MODERN PARSHANUT II.** (3) M.A. and Ph.D. level tutorial in modern Jewish Bible interpretation.

- **135-661 STUDY OF A BIBLICAL CHARACTER.** (3)

- **135-663 INTERPRETATION OF A TORAH TEXT.** (3)

- **135-664 INTERPRETATION IN THE PROPHETS.** (3) .

- **135-665 INTERPRETATION IN THE KETUVIM.** (3)

**135-671A,B JEWISH BIBLE INTERPRETATION.** (3) M.A. and Ph.D. level tutorial in Jewish Bible Interpretation.

**135-690A,B,C,D,N M.A. THESIS I: AREA I.** (3) Normally done during the first semester of residence, this project entails original bibliographic research related to the history of Jewish Bible interpretation, usually the preparation of an extensive bibliography of one writer, text or theme. The choice may relate to the thesis topic.

**135-691A,B,C M.A. THESIS II: AREA I.** (6) A study of the history of Jewish interpretation of one verse, based on 100 primary sources of a topical analysis of a major issue in the history of Jewish Bible interpretation.

**135-692A,B,C M.A. THESIS III: AREA I.** (12) Preparation of the thesis.

**135-694 M.A. THESIS IV: AREA I.** (3) A directed reading project devoted to the modern critical scholarship on one Biblical work.

**135-695 M.A. THESIS I: AREA II.** (3) Bibliographical introduction to the field and preparation of a research proposal in East European Jewish Studies.

**135-696 M.A. THESIS II. AREA II.** (6) Preparation of a research report and presentation of a research seminar in East European Jewish Studies.

**135-697 M.A. THESIS III: AREA II.** (12) Preparation and submission of an acceptable thesis in East European Jewish Studies.

**135-699A RESEARCH IN JEWISH STUDIES.** (3) Practical problems and resources related to research and key theoretical debates in the field will be discussed.

**135-710 PH.D. TUTORIAL IN BIBLICAL STUDIES.** (3)

**135-711 PH.D. TUTORIAL IN BIBLICAL STUDIES.** (3)

**135-712 PH.D. TUTORIAL IN BIBLICAL STUDIES.** (3)

**135-721A,B ANCIENT BIBLE INTERPRETATION.** (3) Directed research or tutorial for Ph.D. students in ancient Jewish Bible interpretation.

**135-731A,B EARLY RABBINIC PARSHANUT II.** (3) Directed research or tutorial for Ph.D. students in early rabbinic Bible interpretation.

**135-741A,B MEDIEVAL BIBLE INTERPRETATION II.** (3) Directed research or tutorial for Ph.D. students in medieval Jewish Bible interpretation.

**135-751A,B MODERN PARSHANUT III.** (3) Directed research or tutorial for Ph.D. students in modern Jewish Bible interpretation.

**135-766A,B INTERPRETATION OF A BIBLE TEXT.** (3) Advanced level Ph.D. research in the History of Interpretation of a Biblical text.

**135-771A,B JEWISH BIBLE INTERPRETATION.** (3) Tutorial in the intellectual history related to Jewish Bible interpretation.

**135-791A,B,C COMPREHENSIVE EXAMINATION.** (3) (Not open to students who have taken 135-701.) Ph.D. students only.

**The following are also considered graduate courses in Jewish Studies.**

**101-655D TUTORIAL IN JEWISH HISTORY.** (6) Tutorial and/or seminar work in aspects of Jewish History which are not included in the regular course offerings of the Department of Jewish Studies or Department of History.

**101-677D SEMINAR: EUROPEAN JEWISH HISTORY** (6) Topic for 2001-02: Messianism and Messianic Movements.

The Graduate Units section is divided into six parts, for access to the others click on the link below to return to the Front Page of the Calendar.