

## 29 Epidemiology and Biostatistics

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Chair — R.Fuhrer

### 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., M.D. (Lond.), M.Sc. (Harv.),  
M.R.C.P. (Lond.), F.R.C.P. (C)  
W.O. Spitzer; M.D. (Tor.), M.H.A. (Mich.), M.P.H. (Yale),  
F.R.C.P. (C)

#### Professors

L. Abenhaim; 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) (*James McGill Professor*)  
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.)  
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O.S. Miettinen; 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.)  
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)  
J. Carsley; B.A. (Yale), M.Sc., M.D., C.M. (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.W. 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., C.M., 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.), Ph.D. (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  
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., C.M. (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; *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. Liege*: F-A. Allaert; *U. de Montréal*: Y. Moride;  
*U. of Toronto*: M. Hodge

#### Associate Members

*Dentistry*: J. Feine; *Family Medicine*: J. Cox; *Dietetics and Human  
Nutrition*: K. Gray-Donald; *Medicine*: A. Barkun, M. Behr,  
J. Brophy, A. Clarke, P. Dobkin, M. Eisenberg, K. Flegel,  
P. Fortin, M. Goldberg, S. Grover, S. Kahn, E. Latimer, N. Mayo,  
L. Pilote, I. Shrier; *Pediatrics*: F. Ducharme; *Psychiatry*:  
E. Fombonne, N. Frasure-Smith, G. Galbaud du Fort; *Surgery*:  
J. Sampalis

### 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 (2002-03), the M.Sc. (non-thesis) program is closed to general registration. Only students who have obtained special permission from the Department may 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 the M.Sc. degree program for which they wish to be considered.

Completed applications, with all supporting documents, must reach the Department by February 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.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 29.5 Program Requirements

#### Diploma

Students must complete 30 credits, 21 of them in course work. Students must take (or be exempted from) EPIB 606 and EPIB 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 (EPIB 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) EPIB 606, EPIB 607\*, EPIB 611, EPIB 640, EPIB 695, EPIB 621\* and EPIB 681\*. The remaining credits must include a project (EPIB 630) and a Comprehensive Examination (EPIB 601).

Students in the thesis option must take (or be exempted from) EPIB 606, EPIB 607\*, EPIB 611, EPIB 640, EPIB 695, EPIB 621\* and EPIB 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 MATH 556 (4 credits) and MATH 557 (4 credits) in place of EPIB 607/621/681. EPIB 611 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 EPIB 604D1/EPIB 604D2 (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. Thereafter students must submit a thesis on an approved subject of research.

**29.6 Courses**

For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.

Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.

The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.

Courses with numbers ending D1 and D2 are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

EPIB has replaced 513 as the prefix for Epidemiology and Biostatistics courses.

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

- Denotes courses not offered in 2002-03

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

Courses EPIB 606 and EPIB 607 are prerequisites for most other courses.

**EPIB 601 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.

**EPIB 604 GRADUATE SEMINARS.** (3) Planning, organization and delivery of a scientific presentation.

May also be available as:  
EPIB 604D1, EPIB 604D2.

**EPIB 606 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.

**EPIB 607 INFERENCE STATISTICS.** (4) 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.

**EPIB 608 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.

**EPIB 610 OCCURRENCE OF HEALTH EVENTS IN POPULATIONS.** (2) The description of disease and health in populations including measurement of disease frequency. Sources of data, their synthesis and interpretation and their relevance to health care planning, management and evaluation in the major fields of practice: clinical epidemiology, occupational health, mental health, community health and infectious disease control.

**EPIB 611 STUDY DESIGN AND ANALYSIS 1.** (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.

- **EPIB 614 PUBLIC POLICY IN HEALTH FIELD.** (3)

- **EPIB 615 PRINCIPLES EPIDEMIOLOGIC RESEARCH 1: STUDY DESIGN.** (3) (Course offered only in some years) (Prerequisites: EPIB 606, EPIB 607, EPIB 610, EPIB 628)

- **EPIB 616 PRINCIPLES OF EPIDEMIOLOGIC RESEARCH 1: DATA ANALYSIS.** (3) (Course offered only in some years)

- **EPIB 618 RESPIRATORY DISEASE EPIDEMIOLOGY.** (3)

**EPIB 621 DATA ANALYSIS HEALTH SCIENCES 1.** (3) (Prerequisites: EPIB 606, EPIB 607) Multivariable and multivariate statistical techniques for continuous outcomes. Topics include multiple regression and analysis of variance.

**EPIB 622 SEMINAR: APPLICATIONS OF STATISTICS IN HEALTH SCIENCES.** (3) (Prerequisites: EPIB 607 and EPIB 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.

**EPIB 623 RESEARCH DESIGN IN HEALTH SCIENCES.** (3) (Prerequisite: EPIB 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.

**EPIB 624 ORGANISATION OF HEALTH SERVICES.** (3) Lectures and seminars in the analysis and evaluation of health systems. The evolution and present nature of health related services in Canada and Quebec are reviewed and compared with those of other developed and developing countries. The roles of government and private health services.

**EPIB 625 EPIDEMIOLOGY AND CONTROL OF INFECTIOUS DISEASES.** (3) Overview of epidemiologic basis of community-acquired infections of public health importance, including concepts and terminology to characterize infectious diseases and the dynamics of disease transmission. Surveillance and outbreak investigation. Emphasis on communicable disease control (e.g. AIDS, day-care centre related infections, vaccine-preventable infections).

**EPIB 626 RISKS AND HAZARDS IN EPIDEMIOLOGY.** (3) (Prerequisites: EPIB 621 and EPIB 681) 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.

**EPIB 627 CANCER EPIDEMIOLOGY.** (3) Theories of carcinogenesis; cancer incidence and mortality; etiology of cancer; cancer prevention; risk factor reduction; early detection; choices of therapy; survival studies; quality of life studies.

**EPIB 630 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.

**May also be available as:  
EPIB 630D1, EPIB 630D2.**

**EPIB 631 PHARMACOEPIDEMIOLGY 2.** (2) (Offered only in Summer Term) (Prerequisites: EPIB 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.

**EPIB 632 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.

**EPIB 633 PHARMACOEPIDEMIOLGY 1.** (2) (Offered only in Summer Term) 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 drug.

**EPIB 635 CLINICAL TRIALS.** (3) (Prerequisites: EPIB 606, EPIB 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.

● **EPIB 637 INFECTIOUS AND PARASITIC DISEASE EPIDEMIOLOGY.** (3) (Offered only in Summer Term) (Prerequisite: EPIB 606 or equivalent)

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

**EPIB 641 SUBSTANTIVE EPIDEMIOLOGY 1.**

**TO EPIB 645 SUBSTANTIVE EPIDEMIOLOGY 5.** (1 credit each) 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.

● **EPIB 646 EVALUATION OF HEALTH SERVICES.** (3) (Course offered only in some years) (Prerequisites: EPIB 606, EPIB 607)

**EPIB 650 DIPLOMA DISSERTATION.** (9)

**EPIB 650D1 DIPLOMA DISSERTATION.** (4.5) A scholarly paper tailored to the student's interests and approved by the student's supervisor.

**EPIB 650D2 DIPLOMA DISSERTATION.** (4.5)

**EPIB 651 SELECTED TOPICS IN BIOSTATISTICS 1.**

**TO EPIB 653 SELECTED TOPICS BIOSTATISTICS 3.** (1 credit each)

The purpose of this 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".

**EPIB 654 PHARMACOEPIDEMIOLGY 4.** (2) (Offered only in Summer Term) (Prerequisites: EPIB 606, EPIB 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.

**EPIB 655 EPIDEMIOLOGY IN PUBLIC HEALTH.** (3) (Prerequisites: EPIB 606, EPIB 607) The course is structured around a model of the cycle of public health research, including the surveillance of the health status, identification of modifiable risk factors and the evaluation of public health interventions. The course demonstrates the specific contribution of various disciplines to public health research, including statistics, demography, sociology and epidemiology.

**EPIB 656 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.

**EPIB 658 TOPICS IN BIOSTATISTICS 1.**

**AND EPIB 659 TOPICS IN BIOSTATISTICS 2.** (1 credit each) 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.

**EPIB 660 PRACTICAL ASPECTS: PROTOCOL DEVELOPMENT.** (3) (Offered only in Summer Term) (Prerequisites: EPIB 606, EPIB 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.

**EPIB 661 PHARMACOEPIDEMIOLGY 3.** (2) (Offered only in Summer Term) (Prerequisites: EPIB 631, EPIB 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.

**EPIB 662 HEALTH IN DEVELOPING COUNTRIES.** (3) (Offered only in Summer Term) (Prerequisites: EPIB 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.

**EPIB 663 SUBSTANTIVE EPIDEMIOLOGY 6.**

**TO EPIB 667 SUBSTANTIVE EPIDEMIOLOGY 10.** (1 credit each)

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.

**EPIB 668 SPECIAL TOPICS 1.**

**TO EPIB 672 SPECIAL TOPICS 5.** (2 credits each) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**EPIB 675 SPECIAL TOPICS.**

**TO EPIB 677 SPECIAL TOPICS.** (3 credits each) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**EPIB 678 SPECIAL TOPICS 4.**

**AND EPIB 678 SPECIAL TOPICS 5.** (3 credits each) Study, through lectures, guided reading, practicals, assignments etc., of an elected and approved topic of epidemiologic importance.

**EPIB 680 COMPUTATION INTENSIVE STATISTICS.** (4) (Prerequisites: MATH 556, MATH 557 or permission of instructor) (Restrictions: Not open to students who have taken or are taking MATH 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.

**EPIB 681 DATA ANALYSIS HEALTH SCIENCES 2.** (3) (Prerequisites: EPIB 606, EPIB 607, EPIB 621, EPIB 695) Univariate and multivariate statistical techniques for categorical and survival data. Topics include logistic regression, generalized linear models, and survival analysis.

● **EPIB 686 SURVIVAL ANALYSIS.** (4) (Restrictions: Not open to students who have taken or are taking MATH 686) (Prerequisites: MATH 556, MATH 557, or permission of instructor)

**EPIB 690D1 M.Sc. THESIS.** (12)

**EPIB 690D2 M.Sc. THESIS.** (12)

**EPIB 693 STATISTICAL INFERENCE 1.** (2) (Offered only in Summer Term) (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; sampling and sampling distributions; inferences regarding means. Together with course number EPIB 694, equivalent to EPIB 607.

**EPIB 694 STATISTICAL INFERENCE 2.** (2) (Offered only in Summer Term) (Prerequisite: A first year course in undergraduate differential and integral calculus) Continuation of course number EPIB 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 EPIB 693, equivalent to EPIB 607.

**EPIB 695 PRINCIPLES OF STUDY DESIGN 2.** (3) (Prerequisites: EPIB 606, EPIB 607) Principles of design and analysis of etiologic studies.

**EPIB 697 APPLIED LINEAR MODELS.** (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.

**EPIB 701 PH.D. COMPREHENSIVE EXAMINATION.** (0) 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.

**30 Food Science and Agricultural Chemistry**

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Chair — I. Alli

Chair of Graduate Program — I. Alli

**30.1 Staff***Professors*

I. Alli; B.Sc.(Guy.), M.Sc., Ph.D.(McG.)

W.D. Marshall; B.Sc.(U.N.B.), Ph.D.(McM.)

H. Ramaswamy; B.Sc.(B'lore), M.Sc., Ph.D.(Br.Col.)

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)

B.K. Simpson; B.Sc.(Ghana), Ph.D.(Nfld.)

V. Yaylayan; B.Sc.(Beirut), M.Sc., Ph.D.(Alta.)

*Adjunct Professors*

J.W. Austin, Y. Konishi, B. Lee, M. Marcotte, 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**

CGPA 3.0/4.0 (Second Class-Upper division).

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**

Applicants for graduate studies through academic units in the Faculty of Agricultural and Environmental Sciences may submit on-line applications via the Web at <http://www.mcgill.ca/applying/graduate> or printed applications. Supporting documents must be sent to:

Student Affairs Office (Graduate Studies)  
Macdonald Campus of McGill University  
21,111 Lakeshore  
Sainte-Anne-de-Bellevue, QC H9X 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. DOCUMENTS SUBMITTED WILL NOT BE RETURNED.

**Deadlines** – Applications, including all supporting documents must reach the Student Affairs Office no later than June 15 (March 1 for International) for the *September session*; October 15 (July 1 for International) for the *January session*; February 15 (November 1 for International) for the *Summer session*. It may be necessary to delay review of the applicant's file until the following admittance period if application materials including supporting documents are received after these dates. International applicants are advised to apply well in advance of the deadline because immigration procedures may be lengthy. Applicants are encouraged to make use of the web-based application form on the McGill website <http://www.mcgill.ca/applying/graduate>

**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. Credit card (by completing the appropriate section of the application form). NB: on-line applications must be paid for by credit card.
2. **Certified** cheque in Cdn.\$ drawn on a Canadian bank.
3. **Certified** cheque in U.S.\$ drawn on a U.S. bank.
4. Canadian Money order in Cdn.\$.
5. U.S. Money Order in U.S.\$.
6. An international draft in Canadian funds drawn on a Canadian bank requested from the applicant's bank in his/her own country.

**Transcripts** – Two official copies of all transcripts with proof of degree(s) granted 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.

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 (official paper) 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 considered equivalent. Results must be submitted as part of the application. The University code is 0935 (McGill University, Montreal); please use Department code 31 (Graduate Schools), Biological Sciences-Agriculture, to ensure that your TOEFL reaches this office without delay.

**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 Graduate and Postdoctoral Studies Office 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 graduate studies, **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)

FDSC 690 (8) M.Sc. Literature Review

FDSC 691 (7) M.Sc. Research Proposal

FDSC 692 (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

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

FDSC has replaced 333 as the prefix for Food Science courses. The course credit weight is given in parentheses after the title.

● Denotes courses not offered in 2002-03.

★ Denotes courses taught only in alternate years.

★ **FDSC 500 FOOD ENZYMOLOGY.** (3) (Winter) (3 lectures) (Pre-/Co-requisite: FDSC 305) (Course offered in odd years. Check with Graduate Advisor.) Enzymes as they pertain to the deteriorative processes, as processing aids and their use as analytical tools in food systems.

★ **FDSC 515 ENZYME THERMODYNAMICS/KINETICS.** (3) (Winter) (3 lectures) (Prerequisites: FDSC 211, FDSC 233) (Course offered in odd years. Check with Graduate Advisor.) Selected advanced topics on the biophysical and kinetic aspects of enzymatic reactions, particularly the fundamentals and applications of laws of biothermodynamics, biochemical equilibrium, electrochemistry and biochemical kinetics as related to the enzymatic reactions.

★ **FDSC 520 BIOPHYSICAL CHEMISTRY OF FOOD.** (3) (Fall) (3 lectures) (Prerequisite: FDSC 233) (Course offered in even years. Check with Graduate Advisor.) This course will cover 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.

**FDSC 535 FOOD BIOTECHNOLOGY.** (3) (Fall) (3 lectures) (Prerequisite: MICR 230) 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

**FDSC 625 ADVANCED TOPICS IN FOOD SCIENCE.** (3) (3 lectures) (Prerequisites: FDSC 330, FDSC 305) Selected subjects related to advancements taking place in the discipline of Food Science will be studied to gain an indepth understanding of their principles, application and potential impact.

**FDSC 651 FOOD ANALYSIS 1.** (3) (3 lectures; one 3-hour lab) (Prerequisite: FDSC 211) 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.

**FDSC 652 FOOD ANALYSIS 2.** (3) (3 lectures; one 3-hour lab) (Prerequisites: FDSC 211 and FDSC 212) 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.

**FDSC 690 M.Sc. LITERATURE REVIEW.** (8) Master of Science literature review.

**FDSC 691 M.Sc. RESEARCH PROTOCOL.** (7) Master of Science research protocol.

**FDSC 692 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 the Graduate and Postdoctoral Studies Office is required to pass the course.

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

**May also be available as: FDSC 695D1, FDSC 695D2; FDSC 695N1, FDSC 695N2.**

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

**May also be available as: FDSC 696D1, FDSC 696D2; FDSC 696N1, FDSC 696N2.**

**FDSC 700 COMPREHENSIVE PRELIMINARY EXAMINATION.** (0) (See Faculty Regulations)

**May also be available as: FDSC 700D1, FDSC 700D2; FDSC 700N1, FDSC 700N2.**

**FDSC 797 GRADUATE SEMINAR.** (3)

**May also be available as: FDSC 797D1, FDSC 797D2; FDSC 797N1, FDSC 797N2.**

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

**May also be available as: FDSC 798D1, FDSC 798D2; FDSC 798N1, FDSC 798N2.**

## 31 French Language and Literature

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Site Web: <http://www.arts.mcgill.ca/programs/french>

*Directeur* — Professeur François Ricard

*Directrice des études de 2<sup>e</sup> et 3<sup>e</sup> cycles et de la recherche* — Professeure 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. 3<sup>e</sup> Cy.(Paris - Sorbonne)

J.-P. Duquette; L. ès L.(Montr.), Dr. 3<sup>e</sup> Cy.(Paris X - Nanterre)

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

F. Ricard; M.A.(McG.), Dr. 3<sup>e</sup> Cy.(Aix-Marseille), M.S.R.C. (*James McGill Professor*)

Y. Rivard; M.A.(McG.), Dr. 3<sup>e</sup> Cy.(Aix-Marseille)

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

#### Professeurs agrégés

C. Bouchard; M.A.(Montr.), Dr. 3<sup>e</sup> Cy.(Paris VII - Jussieu)

J.-P. Boucher; M.A.(McG.) Dr. 3<sup>e</sup> Cy.(Besançon)

A. Chapdelaine; M.A., Dr. 3<sup>e</sup> Cy.(Paris VII - Jussieu)

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

N. Doiron; M.A., 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 de premier cycle, 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 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.

### 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.

Le formulaire de demande d'admission par le Web à compter de la session de janvier 2003 à l'Université McGill, sera disponible pour tous les candidats aux études supérieures à l'adresse suivante: <http://www.mcgill.ca/applying/graduate>.

### 31.5 Programme d'études

La note de passage est B- (65 %).

#### 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 FREN 695 et le FREN 697) et préparer leur sujet de mémoire (FREN 696: 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 FREN 695, FREN 697 et FREN 600 sont obligatoires.

Les étudiants inscrits à mi-temps doivent s'inscrire à un minimum de deux séminaires par session.

Les séminaires FREN 609 et FREN 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 (FREN 699).

La composante recherche du programme de maîtrise sans mémoire est aussi de 24 crédits (FREN 600: 3 crédits, FREN 698: 18 crédits, ainsi qu'un séminaire: 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 (FREN 711) qui est obligatoire.

**Ph.D. III**

Élaboration du projet de thèse (FREN 706) et Examen préliminaire de doctorat (FREN 707).

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 2e et 3e cycles**

**Veillez noter que des cours ont pu changer d'horaire, ou de nouveaux cours ont pu s'ajouter après l'envoi sous presse de cet annuaire. Avant de vous inscrire, et pour obtenir des renseignements à jour, vous devez consulter l'horaire des cours de 2002-2003 sur la page Web: <http://www.mcgill.ca/minerva-students>.**

**L'horaire comprend l'indication de la session, le(s) jour(s) et l'heure où le cours est donné, ainsi que la salle de cours et le nom du professeur.**

**L'horaire des cours de l'été 2003 sera disponible sur la page Web en janvier 2003.**

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.

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

FREN remplace 125 comme préfixe pour tous les cours du Département de langue et littérature françaises.

Cours offerts en 2002-03.

**FREN 600 TRAVAUX DIRIGÉS 1. (3)**

**FREN 601 TRAVAUX DIRIGÉS 2. (3)**

**FREN 609 CRÉATION LITTÉRAIRE 1. (3)**

**FREN 611 CRÉATION LITTÉRAIRE 2. (3)**

**FREN 612 SÉMINAIRE DE RECHERCHE 1. (3)**

**FREN 613 SÉMINAIRE DE RECHERCHE 2. (3)**

**FREN 695 INITIATION À LA RECHERCHE LITTÉRAIRE. (3)**

**FREN 697 MÉTHODOLOGIE ET THÉORIE LITTÉRAIRES. (3)**

**FREN 711 SÉMINAIRE DE DOCTORAT. (3)**

**FREN 712 SÉMINAIRE DE RECHERCHE 3. (3)**

**FREN 713 SÉMINAIRE DE RECHERCHE 4. (3)**

**FREN 720 MOYEN ÂGE 1. (3)**

**FREN 730 18<sup>E</sup> SIÈCLE 2. (3)**

**FREN 738 20<sup>E</sup> SIÈCLE 2. (3)**

**FREN 741 20<sup>E</sup> SIÈCLE 5. (3)**

**FREN 750 ROMAN QUÉBÉCOIS 1. (3)**

**FREN 790 LANGUAGE REQUIREMENT. (0)**

**32 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.)

*Post-Retirement*

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

*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.)

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.)

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.)

N.A. Ross; M.A.(Queens); Ph.D.(McMaster)

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

*Adjunct Professors*

R. Cooke; Ph.D.(London)

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 Graduate and Postdoctoral Studies Office admission regulations outlined in the General Information section of the Calendar, 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.

### 32.4 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 February 1 (for September admission) and October 1 (for January admission).

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 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 GEOG 631D1/GEOG 631D2 and GEOG 698 (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 GEOG 699 (24 credits) in an appropriate area of geographical inquiry.

#### M.A. – Neotropical Environment (48 credits)

Candidates must:

1. pass the required courses: ENVR 610 and BIOL 640 (6 credits total).
2. pass one 3-credit course chosen from POLI 644; SOCI 565, ENVR 611, ENVR 612, ENVR 680, BIOL 553, BIOL 641, GEOG 498, AGRI 550.
3. pass one 3-credit Geography graduate course.

4. Participation in the MSE-Panama Symposium presentation in Montreal is required.
5. pass courses GEOG 631D1/GEOG 631D2 and GEOG 698 (12 credits), which deal with the preparation of the thesis proposal;
6. submit a thesis GEOG 699 (24 credits) on a topic approved by the advisor.

#### M.A. – Social Statistics Option (48 credits)

Candidates must:

1. pass the equivalent of two graduate courses (6 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 GEOG 634 (or suitable substitute) (3 credits);
- 3.) pass GEOG 688 or ECON 688 or POLI 688 or SOCI 688 (3 credits);
- 4.) pass courses GEOG 631D1/GEOG 631D2 and GEOG 698 (12 credits), which deal with the preparation of the thesis proposal;
5. attend such additional courses as the Chair and the student's thesis supervisor think fit; and,
6. submit a thesis GEOG 699 (24 credits) on a topic approved by the Social Statistics Option advisor.

#### M.Sc. – Neotropical Environment (48 credits)

Candidates must:

1. pass the required courses: ENVR 610 and BIOL 640 (6 credits total).
2. pass one 3-credit course chosen from POLI 644; SOCI 565, ENVR 611, ENVR 612, ENVR 680, BIOL 553, BIOL 641, GEOG 498, AGRI 550.
3. pass one 3-credit Geography graduate course.
4. Participation in the MSE-Panama Symposium presentation in Montreal is required.
5. pass courses GEOG 631D1/GEOG 631D2 and GEOG 698 (12 credits), which deal with the preparation of the thesis proposal;
6. submit a thesis GEOG 699 (24 credits) on a topic approved by the advisor.

#### 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 GEOG 631D1/GEOG 631D2 which deals with the preparation of the thesis proposal;
3. pass a comprehensive examination (GEOG 700, GEOG 701, GEOG 702) 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.

#### Ph.D. – Neotropical Environment

Candidates must:

1. pass the required courses: ENVR 610 and BIOL 640 and such additional courses as the Chair and the student's supervisory committee think fit.
2. pass one 3-credit course chosen from POLI 644; SOCI 565, ENVR 611, ENVR 612, ENVR 680, BIOL 553, BIOL 641, GEOG 498, AGRI 550.
3. Participation in the MSE-Panama Symposium presentation in Montreal is required.
4. pass course GEOG 631D1/GEOG 631D2 which deals with the preparation of the thesis proposal;

5. pass a comprehensive examination (GEOG 700, GEOG 701, GEOG 702) the form of which is detailed in a document available from the Department; and,
6. submit a thesis based on original research in an appropriate area.

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

For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.

Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.

The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.

The course credit weight is given in parentheses after the title. Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check the Class Schedule to confirm this information.

GEOG has replaced 183 as the prefix for Geography courses.

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

- Denotes courses not offered in 2002-03

**GEOG 500 GEOGRAPHY OF REGIONAL IDENTITY.** (3) (Fall) (3 hours) (Restriction: Graduate students and final year undergraduates and/or those who have taken GEOG 408) 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.

**GEOG 501 MODELLING ENVIRONMENTAL SYSTEMS.** (3) (Fall) (1.15 hours lecture, 0.58 hours seminar, 0.69 hours project, 0.58 hours laboratory) (Enrolment limited to 20 students by availability of workstations) Most problems in environmental science deal with weak relationships and poorly defined systems. Model development and simulation will be used in this course to help improve understanding of environmental systems. Simulation of environmental systems is examined, focusing on problem definition, model development and model validation.

**GEOG 502 GEOGRAPHY OF NORTHERN DEVELOPMENT.** (3) (Fall) (3 hours) Analysis of the evolution of development 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.

**GEOG 504 INDUSTRIAL RESTRUCTURING - GEOGRAPHIC IMPLICATIONS.** (3) (Winter) (Prerequisites: GEOG 311 or permission of instructor) The objective of this seminar course is to develop an understanding of the geographical consequences of a variety of new forms of economic and social organization that are emerging in the North American and Western European settings. Key themes: technological and managerial change, changing labour processes, industrial re-location.

**GEOG 505 GLOBAL BIOGEOCHEMISTRY.** (3) (Winter) (2 hours and research) (Prerequisite: GEOG 305 or GEOG 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.

**GEOG 506 PERSPECTIVES ON GEOGRAPHIC INFORMATION ANALYSIS.** (3) (Winter) (2 hours and laboratory) Examination of a range of applications in automated processing of spatial data. Discussion will focus on both theoretical and practical aspects of Geographic

Information Systems. Topics such as resource data base structure, methods of spatial interpolation and data quality and errors are covered. The application of Geographic Information Systems such as GRASS and digital image processing routines are used to answer questions in geographical research. Individual student projects will be emphasized.

**GEOG 508 RESOURCES, PEOPLE AND POWER.** (3) (3 hours) (Prerequisite: GEOG 408 or GEOG 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.

**GEOG 510 HUMID TROPICAL ENVIRONMENTS.** (3) (Winter) (3 hours) (Prerequisite: GEOG 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.

**GEOG 513 BEHAVIOURAL GEOGRAPHY.** (3) (Winter) (3 hours) 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.

**GEOG 522 ADVANCED ENVIRONMENTAL HYDROLOGY.** (3) (2 hours and 1 tutorial) (Prerequisite: GEOG 322, or permission of instructor) Surface and shallow ground water determine the availability of moisture and many chemical elements at the Earth's surface. This course discusses the link between surface water and ground water flow systems and the role this link plays in stream flow production and biogeochemical cycling in lake, riparian and terrestrial ecosystems.

**GEOG 523 ADVANCED CLIMATOLOGY.** (3) (Fall) (3 hours) (Prerequisite: a previous course in climatology or meteorology, and written permission of the instructor) Principles of physical climatology involving a detailed examination of energy and mass exchange at or near the Earth's surface, emphasizing radiative heat, moisture and momentum transfers. Methods of measurement based on energy balance, water balance, and turbulent transport theory. Models of potential and actual evaporation and their use in predicting soil moisture and plant productivity. Examples drawn from natural, agricultural, and urban environments.

**GEOG 535 REMOTE SENSING AND INTERPRETATION.** (3) (Fall or Winter) (3 hours) (Prerequisite: GEOG 308 and written permission of instructor) Basic photogrammetry and interpretation procedures for aircraft and space craft photography and imagery.

**GEOG 536 GEOCRIOLOGY.** (3) (Fall) (3 hours) (Prerequisite: GEOG 272 and any 300-level geomorphology course approved by instructor) Study of the unique geomorphic aspects of periglacial and permafrost environments. The focus will be on processes in cold climates, the impact of human activity on permafrost landscapes and potential impacts of climatic change.

**GEOG 537 ADVANCED FLUVIAL GEOMORPHOLOGY.** (3) (Winter) An examination of current advances in fluvial geomorphology: sediment entrainment and transport, alluviation and river channel evolution.

**GEOG 550 QUATERNARY PALEOECOLOGY.** (3) (Fall) (2 hours, laboratory and seminar) (Prerequisite: course in ecology or biogeography, or permission of instructor) Examination of landscape and ecosystem response to climatic change; addressing persistent problems in Pleistocene and Holocene paleoecology: episodes of temporary warming and cooling, locations of glacial refugia and sea level change. Principles and methods of Quaternary paleoecology and paleoclimatological reconstruction.

**GEOG 551 ENVIRONMENTAL DECISIONS.** (3) (2 hours seminar, 1 hour tutorial) (Prerequisites: GEOG 302, GEOG 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.

**GEOG 602 URBAN GEOGRAPHY: SELECTED TOPICS.** (3) Social and historical aspects of the urban environment.

**GEOG 604 ECONOMIC GEOGRAPHY: SELECTED TOPICS.** (3)

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

**GEOG 608 CULTURAL GEOGRAPHY PART 1.** (3) Cultural ecology with particular reference to changing peasant/plantation relations; space needs of native peoples in relation to land claims.

**GEOG 609 HUMAN GEOGRAPHY - SOC, BEHAVIOURAL PROBS.** (3) Analysis of social and theoretical problems in human geography.

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

**GEOG 613 ADVANCED BIOGEOGRAPHY.** (3)

**GEOG 621D1 THE GEOGRAPHY OF THE ARCTIC.** (3) (Students must also register for GEOG 621D2) (No credit will be given for this course unless both GEOG 621D1 and GEOG 621D2 are successfully completed in consecutive terms) Advanced system-based approaches to analysing the human and bio-physical aspects of northern environments.

**GEOG 621D2 THE GEOGRAPHY OF THE ARCTIC.** (3) (Prerequisite: GEOG 621D1) (No credit will be given for this course unless both GEOG 621D1 and GEOG 621D2 are successfully completed in consecutive terms) See GEOG 621D1 for course description.

**GEOG 623 SEMINAR ON REGIONAL RESEARCH 1.** (3)

**GEOG 625 SPECIAL TOPICS IN HUMAN GEOGRAPHY.** (3) An examination of recent advances in human geography.

**GEOG 626 SPECIAL TOPICS IN PHYSICAL GEOGRAPHY.** (3) An examination of recent advances in physical geography.

**GEOG 631D1 METHODS OF GEOGRAPHICAL RESEARCH.** (3) (Students must also register for GEOG 631D2) (No credit will be given for this course unless both GEOG 631D1 and GEOG 631D2 are successfully completed in consecutive terms) General research seminar in human and physical geography.

**GEOG 631D2 METHODS OF GEOGRAPHICAL RESEARCH.** (3) (Prerequisite: GEOG 631D1) (No credit will be given for this course unless both GEOG 631D1 and GEOG 631D2 are successfully completed in consecutive terms) See GEOG 631D1 for course description.

**Also available as:**

**GEOG 631N1, GEOG 631N2.**

**GEOG 632 ADVANCED CARTOGRAPHY.** (3)

**GEOG 633 REMOTE SENSING.** (3) A review of aircraft and space-craft remote sensing systems and their applications.

**GEOG 634 QUANTITATIVE METHODS IN GEOGRAPHY.** (3)

**GEOG 635 INTERP-AIR PHOTOS AND IMAGERY.** (3)

**GEOG 688 SEMINAR ON SOCIAL STATISTICS.** (3)

**GEOG 698 THESIS PROPOSAL.** (6) Preparation and evaluation of thesis proposal.

**Also available as:**

**GEOG 698D1, GEOG 698D2;  
GEOG 698N1, GEOG 698N2.**

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

**Also available as:**

**GEOG 699D1, GEOG 699D2;  
GEOG 699N1, GEOG 699N2.**

**GEOG 700 COMPREHENSIVE EXAMINATION 1.** (0)

**Also available as:**

**GEOG 700D1, GEOG 700D2.**

**GEOG 701 COMPREHENSIVE EXAMINATION 2.** (0)

**Also available as:**

**GEOG 701D1, GEOG 702D2.**

**GEOG 702 COMPREHENSIVE EXAMINATION 3.** (0)

**Also available as:**

**GEOG 702D1, GEOG 702D2.**

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## 33 German Studies

Department of German Studies  
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*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 GERM 200 or GERM 202.

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### 33.3 Admission Requirements

#### Masters

In order to be admitted to the M.A. program in German Studies, candidates must have at least a B.A. degree in German from McGill University or an equivalent degree from another college or university of recognized standing.

Applicants with joint degrees or Majors degrees may be admitted on individual merit but they may be required to take additional courses. 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 Coordinator in the Department of German Studies.

**Deadline:** February 1st.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 33.5 Program Requirements

#### M.A. with thesis (48 credits)

##### Thesis – Required Courses (30 credits)

- GERM 690 (9) Thesis Research 1  
 GERM 691 (9) Thesis Research 2  
 GERM 692 (12) Thesis Research 3

##### Complementary Courses (18 credits)

Six 3-credit courses, to be chosen from any graduate seminar listed as offered in the Department of German Studies.

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 (45 credits)

##### Required Courses (18 credits)

- GERM 680 (6) Research Paper 1  
 GERM 681 (6) Research Paper 2  
 GERM 682 (6) Research Paper 3

##### Complementary Courses (27 credits)

Nine 3-credit courses

#### 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

For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.

Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

GERM has replaced 129 as the prefix for German Studies courses.

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

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 Graduate Coordinator or from the Graduate and Postdoctoral Studies Office, normally in the month of May. Each year the Department offers courses in some of the following areas.

#### Courses to be offered in 2002-03:

**GERM 648 GERMAN LITERATURE - 20TH CENTURY 4.** (3)

**GERM 657 LITERARY THEORY AND CRITICISM 3.** (3)

**GERM 662 COMPARATIVE LITERATURE STUDIES 3.** (3)

**GERM 680 RESEARCH PAPER 1.** (6)

**GERM 681 RESEARCH PAPER 2.** (6)

**GERM 682 RESEARCH PAPER 3.** (6)

**GERM 690 THESIS RESEARCH 1.** (9)

**GERM 691 THESIS RESEARCH 2.** (9)

**GERM 692 THESIS RESEARCH 3.** (12)

**GERM 701D1 PH.D. COMPREHENSIVE EXAMINATION.** (0) (Students must also register for GERM 701D2) (No credit will be given for this course unless both GERM 701D1 and GERM 701D2 are successfully completed in consecutive terms)

**GERM 701D2 PH.D. COMPREHENSIVE EXAMINATION.** (0) (Prerequisite: GERM 701D1) (No credit will be given for this course unless both GERM 701D1 and GERM 701D2 are successfully completed in consecutive terms)

**GERM 790 PH.D. LANGUAGE REQUIREMENT.** (6)

**May also be available as:**

**GERM 790D1, GERM 790D2.**

#### THE FOLLOWING COURSES ARE NOT OFFERED IN 2002-03:

- **GERM 605 MEDIEVAL GERMAN LITERATURE 1.**  
TO **GERM 608 MEDIEVAL GERMAN LITERATURE 4.** (3 credits each)
- **GERM 610 GERMAN LITERATURE: RENAISSANCE AND REFORMATION 1.** TO **GERM 613 GERMAN LITERATURE: RENAISSANCE AND REFORMATION 4.** (3 credits each)
- **GERM 615 GERMAN LITERATURE: BAROQUE AND ROCOCO 1.**  
TO **GERM 618 GERMAN LITERATURE: BAROQUE AND ROCOCO 4.** (3 credits each)
- **GERM 619 TOPICS IN LITERARY THEORY.** (3)
- **GERM 620 GERMAN LITERATURE: ENLIGHTENMENT 1.**  
TO **GERM 623 GERMAN LITERATURE: ENLIGHTENMENT 4.** (3 credits each)
- **GERM 625 GERMAN LITERATURE: STURM AND DRANG PERIOD 1.**  
TO **GERM 628 GERMAN LITERATURE: STURM AND DRANG PERIOD 4.** (3 credits each)
- **GERM 630 GERMAN CLASSICISM 1.**  
TO **GERM 633 GERMAN CLASSICISM 4.** (3 credits each)
- **GERM 635 GERMAN ROMANTICISM 1.**  
TO **GERM 638 GERMAN ROMANTICISM 4.** (3 credits each)
- **GERM 640 GERMAN REALISM AND EARLY NATURALISM 1.**  
TO **GERM 643 GERMAN REALISM AND EARLY NATURALISM 4.** (3 credits each)
- **GERM 645 GERMAN LITERATURE - 20TH CENTURY 1.**  
TO **GERM 647 GERMAN LITERATURE - 20TH CENTURY 3.** (3 credits each)
- **GERM 650 GERMAN LINGUISTICS AND PHILOSOPHY 1.**  
TO **GERM 653 GERMAN LINGUISTICS AND PHILOSOPHY 4.** (3 credits each)

- **GERM 655 LITERARY THEORY AND CRITICISM 1. AND GERM 656 LITERARY THEORY AND CRITICISM 2.** (3 credits each)
- **GERM 658 LITERARY THEORY AND CRITICISM 4.** (3)
- **GERM 660 COMPARATIVE LITERATURE STUDIES 1. AND GERM 661 COMPARATIVE LITERATURE STUDIES 2.** (3 credits each)
- **GERM 663 COMPARATIVE LITERATURE STUDIES 4.** (3)
- **GERM 665 THEORETICAL APPROACH - TEACHING GERMAN 1. TO GERM 668 THEORETICAL APPROACH - TEACHING GERMAN 4.** (3 credits each)
- **GERM 670 STAFF-STUDENT SEMINAR: LITERATURE PROBLEMS.** (3)
- **GERM 675 RESEARCH SEMINAR.** (3)
- **GERM 675D1 RESEARCH SEMINAR.** (1.5)
- **GERM 675D2 RESEARCH SEMINAR.** (1.5)

## 34 Hispanic Studies

Department of Hispanic Studies  
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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:

- a) 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.
- b) 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, HISP 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:

1. duly completed application form;
2. all transcripts;
3. letters of reference;
4. \$60 application fee;
5. TOEFL scores where applicable;
6. 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.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 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 Graduate and Postdoctoral Studies Office 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 (HISP 695, HISP 696) (6 credits)

Thesis – HISP 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 (HISP 603, HISP 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) (HISP 615). Candidates choosing to focus their research on the literature of Spain will take the Guided Research Project in Modern and Contemporary Spanish Literature (HISP 616). Those wishing to specialize in the literature of Spanish America will take the Guided Research Project in Modern and Contemporary Spanish-American Literature (HISP 617).

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 Graduate and Postdoctoral Studies Office, 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

1. Six 3-credit courses.
2. 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.
3. HISP 701 Comprehensive Examinations, Oral and Written.
4. HISP 713 Reserach Seminar in Hispanic Studies.
5. 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 Graduate and Postdoctoral Studies Office regarding the Ph.D. degree shall apply.

**Required Academic Activities:** All candidates preparing their dissertation are required to give an annual formal presentation of their research to the Department, normally beginning in their third year of full-time doctoral studies.

### 34.6 Courses

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

**NOTE:** All undergraduate courses administered by the Faculty of Arts (courses at the 100- to 500-level) have limited enrolment. HISP has replaced 144 as the prefix for Hispanic Studies courses. The course credit weight is given in parentheses after the title.

● Denotes courses not offered in 2002-03

● **HISP 501 HISTORY OF THE SPANISH LANGUAGE.** (3) (Prerequisite: Permission of the instructor)

● **HISP 505 SEMINAR IN HISPANIC STUDIES.** (3)

● **HISP 506 SEMINAR IN HISPANIC STUDIES.** (3)

● **HISP 550D1 COMPREHENSIVE EXAMINATION.** (3)

● **HISP 550D2 COMPREHENSIVE EXAMINATION.** (3)

**HISP 601D1 M.A. COMPREHENSIVE EXAMINATION.** (3) (Students must also register for HISP 601D2) (No credit will be given for this course unless both HISP 601D1 and HISP 601D2 are successfully completed in consecutive terms)

**HISP 601D2 M.A. COMPREHENSIVE EXAMINATION.** (3) (Prerequisite: HISP 601D1) (No credit will be given for this course unless both HISP 601D1 and HISP 601D2 are successfully completed in consecutive terms) See HISP 601D1 for course description.

**HISP 602 METHODS OF LITERARY ANALYSIS.** (3)

**HISP 603 HISPANIC BIBLIOGRAPHY 1.** (3)

**HISP 604 HISPANIC BIBLIOGRAPHY 2.** (3)

**HISP 605 PROBLEMS OF LITERARY THEORY AND CRITICISM.**

**TO HISP 609 PROBLEMS OF LITERARY THEORY AND CRITICISM.** (3 credits each)

**HISP 610 SPANISH LINGUISTICS AND PHILOLOGY.**

**TO HISP 614 SPANISH LINGUISTICS AND PHILOLOGY.** (3 credits each)

**HISP 615 MEDIEVAL AND GOLDEN AGE LITERATURE: GRP.** (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.

**HISP 616 MODERN AND CONTEMPORARY SPANISH LITERATURE: GRP.** (9) An investigation of the principal themes and critical issues in nineteenth- and twentieth-century Spanish literature. Project.

**HISP 617 MODERN AND CONTEMPORARY SPANISH-AMERICAN LITERATURE: GRP.** (9) An investigation of the principal themes and critical issues in nineteenth- and twentieth-century Spanish-American literature. Project.

**HISP 619 TOPICS IN LITERARY THEORY.** (3)

**HISP 620 SPANISH LITERATURE OF THE MIDDLE AGES.**

**TO HISP 624 SPANISH LITERATURE OF THE MIDDLE AGES.** (3 credits each)

**HISP 625 SPANISH THEATRE: THE GOLDEN AGE.**

**TO HISP 629 SPANISH THEATRE: THE GOLDEN AGE.** (3 credits each)

**HISP 630 SPANISH POETRY: THE GOLDEN AGE.**

**TO HISP 634 SPANISH POETRY: THE GOLDEN AGE.** (3 credits each)

**HISP 635 SPANISH PROSE: THE GOLDEN AGE.**

**TO HISP 639 SPANISH PROSE: THE GOLDEN AGE.** (3 credits each)

**HISP 640 CERVANTES.**

**TO HISP 644 CERVANTES.** (3 credits each)

**HISP 645 SPANISH NEOCLASSICISM AND ROMANTICISM.**

**TO HISP 649 SPANISH NEOCLASSICISM AND ROMANTICISM.** (3 credits each)

**HISP 650 SPANISH REALISM AND NATURALISM.**

**TO HISP 654 SPANISH REALISM AND NATURALISM.** (3 credits each)

**HISP 655 SPANISH LITERATURE FROM 1898 TO 1936.**

**TO HISP 659 SPANISH LITERATURE FROM 1898 TO 1936.** (3 credits each)

- HISP 660 SPANISH LITERATURE SINCE CIVIL WAR.**  
TO **HISP 664 SPANISH LITERATURE SINCE CIVIL WAR.** (3credits each)
- HISP 665 SPANISH-AMERICAN LITERATURE: COLONIAL PERIOD.**  
TO **HISP 669 SPANISH-AMERICAN LITERATURE: COLONIAL PERIOD.** (3 credits each)
- HISP 670 SPANISH-AMERICAN THEATRE.**  
TO **HISP 674 SPANISH-AMERICAN THEATRE.** (3 credits each)
- HISP 675 SPANISH-AMERICAN POETRY.**  
TO **HISP 679 SPANISH-AMERICAN POETRY.** (3 credits each)
- HISP 680 SPANISH-AMERICAN PROSE.**  
TO **HISP 689 SPANISH-AMERICAN PROSE.** (3 credits each)
- HISP 690 SPECIAL TOPICS.**  
TO **HISP 694 SPECIAL TOPICS.** (3 credits each)
- HISP 695 THESIS PREPARATION 1.** (3)  
May also be available as:  
**HISP 695D1, HISP 695D2; HISP 695N1, HISP 695N2.**
- HISP 696 THESIS PREPARATION 2.** (3)
- HISP 697 M.A. THESIS.** (24)
- HISP 697D1 M.A. THESIS.** (12)
- HISP 697D2 M.A. THESIS.** (12)
- HISP 698 READING COURSE.** (3)
- HISP 699D1 READING COURSE.** (3) (Students must also register for HISP 699D2) (No credit will be given for this course unless both HISP 699D1 and HISP 699D2 are successfully completed in consecutive terms)
- HISP 699D2 READING COURSE.** (3) (Prerequisite: HISP 699D1) (No credit will be given for this course unless both HISP 699D1 and HISP 699D2 are successfully completed in consecutive terms) See HISP 699D1 for course description.
- HISP 701 COMPREHENSIVE EXAMINATIONS.** (0) (Ph.D. students in the Department of Hispanic Studies only) Ph.D. Comprehensive examinations, both oral and written.
- HISP 713 RESEARCH SEMINAR.** (3) Doctoral-level research seminar exploring a variety of research topics.
- HISP 790 PH.D. LANGUAGE REQUIREMENT.** (6) (For students in other departments.)  
May also be available as:  
**HISP 790D1, HISP 790D2.**

## 35 History

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Chair — Brian Lewis

Chair of Graduate Program — TBA

### 35.1 Staff

#### Emeritus Professors

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

#### Professors

Valentin J. Boss; B.A.(Cantab.), Ph.D.(Harv.)  
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.)

Yuzo Ota; B.A., M.A., Ph.D.(Tokyo)

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., M.A.(Oxon.), M.A.(Calif.), Ph.D.(Harv.)

(joint appt. with *East Asian Studies*)

Brian J. Young; B.A.(Tor.), M.A., Ph.D.(Queen's) (*James McGill Professor*)

John E. Zucchi; B.A. M.A. Ph.D.(Tor.)

#### Associate Professors

Paula Clarke; B.A.(Mem.), B.A.(Oxon.), 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.)

Elizabeth Elbourne; B.A., M.A.(Tor.), D.Phil.(Oxon.)

Catherine LeGrand; B.A.(Reed), M.A., Ph.D.(Stan.)

Brian Lewis; B.A., M.A.(Oxon.), A.M., Ph.D.(Harv.)

Leonard Moore; A.B., M.A., Ph.D.(Calif.)

Suzanne Morton; B.A.(Trent), M.A., Ph.D.(Dal.)

Nancy F. Partner; B.A., M.A., Ph.D.(Calif.)

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

James Delbourgo; B.A.(East Anglia), M.Phil.(Cambridge),

Ph.D.(Columbia)

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)

## 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.

Commencing with applications for entry in 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

## 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. 2 year. The examination consists of:

- HIST 702 Comprehensive Examination in Major Field.
- HIST 703 Comprehensive Examination in First Minor Field.
- HIST 704 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

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Sched-**

**ule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

**Courses with numbers ending D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

HIST has replaced 101 as the prefix for History courses. The course credit weight is given in parentheses after the title.

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

- Denotes courses not offered in 2002-03
- **HIST 550 ROMAN HISTORY: SEMINAR.** (3) (Fall) Various topics in Roman history.
- **HIST 551 ROMAN HISTORY: RESEARCH.** (3) (Winter) (Prerequisite: HIST 550)
- **HIST 579 THE ARTS OF HEALING IN CHINA.** (3)
- **HIST 580D1 EUROPEAN AND NATIVE-AMERICAN ENCOUNTERS.** (3)
- **HIST 580D2 EUROPEAN AND NATIVE-AMERICAN ENCOUNTERS.** (3)
- **HIST 581 THE ART OF WAR IN CHINA.** (3) A study of the historical development of military theory and practice from earliest times to 1911 from a variety of perspectives, technological, scientific, social, and cultural.
- **HIST 582 EUROPEAN INTELLECTUAL HISTORY.** (3)
- **HIST 583 CONSERVATISM IN CANADA.** (3) (Not open to students who have taken 101-462D topics: Canadian Conservatism) The history of Canadian Conservatism from the French Party of Adam Mabain and the various oligarchies, Family Compact, Chateau Clique and their Maritime counterparts through liberal conservatism to confederation. Special attention will be given to the emergence of clerical consent in Canada East and the alliance with Upper Canadian Toryism.
- **HIST 585 THEORY FOR HISTORICAL STUDIES.** (3)
- **HIST 590 TOPICS: THE BRITISH EMPIRE.** (3)
- **HIST 594D1 TOPICS: TUDOR AND STUART ENGLAND.** (3)
- **HIST 594D2 TOPICS: TUDOR AND STUART ENGLAND.** (3)
- **HIST 595D1 SEMINAR: EARLY MODERN WESTERN EUROPE.** (3)
- **HIST 595D2 SEMINAR: EARLY MODERN WESTERN EUROPE.** (3)
- **HIST 602D1 MILITARY HISTORY IN THE 20TH C.** (3)
- **HIST 602D2 MILITARY HISTORY IN THE 20TH C.** (3)
- **HIST 604D1 COLONIAL AMERICA.** (3) Topic for 2002-03: American Revolution.
- **HIST 604D2 COLONIAL AMERICA.** (3)
- **HIST 605D1 SEMINAR IN MODERN FRENCH HISTORY.** (3)
- **HIST 605D2 SEMINAR IN MODERN FRENCH HISTORY.** (3)
- **HIST 608D1 HISTORY OF BRITISH NORTH AMERICA.** (3)
- **HIST 608D2 HISTORY OF BRITISH NORTH AMERICA.** (3)
- **HIST 609D1 NORTH ATLANTIC SECURITY.** (3)
- **HIST 609D2 NORTH ATLANTIC SECURITY.** (3)
- **HIST 610D1 SEMINAR: TOPICS - MEDIEVAL HISTORY.** (3) Topic for 2002-03: Gender Theory and Medieval Women.
- **HIST 610D2 SEMINAR: TOPICS - MEDIEVAL HISTORY.** (3)
- **HIST 611D1 SEMINAR: TRADITIONAL CHINESE HISTORY.** (3)
- **HIST 611D2 SEMINAR: TRADITIONAL CHINESE HISTORY.** (3)
- **HIST 612D1 GERMAN NATIONAL SOCIALISM.** (3)
- **HIST 612D2 GERMAN NATIONAL SOCIALISM.** (3)



**HIST 613D1 TOPICS: CANADIAN SOCIAL HISTORY.** (3) A seminar covering topics in Canadian Social History which vary from year to year. Topic for 2002-03: Historiography.

**HIST 613D2 TOPICS: CANADIAN SOCIAL HISTORY.** (3)

**HIST 614D1 TOPICS: LATIN AMERICAN HISTORY.** (3) Topic for 2002-03: The Social and Cultural History of Latin America: New Approaches since 1980.

**HIST 614D2 TOPICS: LATIN AMERICAN HISTORY.** (3)

- **HIST 615D1 TOPICS IN ITALIAN HISTORY.** (3)

- **HIST 615D2 TOPICS IN ITALIAN HISTORY.** (3)

**HIST 616D1 HISTORY AND CRITICAL THEORY.** (3) Topic for 2002-03: History and Memory.

**HIST 616D2 HISTORY AND CRITICAL THEORY.** (3)

- **HIST 618 READINGS IN EAST ASIAN HISTORY.** (3)

- **HIST 619 ANCIENT MEDICINE SEMINAR 1.** (3)

- **HIST 620 ANCIENT MEDICINE SEMINAR 2.** (3) (Prerequisite: HIST 619)

- **HIST 624D1 SOCIAL-POLITICAL DEVELOPMENT: BRITAIN 1815-1926.** (3)

- **HIST 624D2 SOCIAL-POLITICAL DEVELOPMENT: BRITAIN 1815-1926.** (3)

- **HIST 626D1 WESTERNIZATION OF RUSSIA.** (3)

- **HIST 626D2 WESTERNIZATION OF RUSSIA.** (3)

- **HIST 627D1 SEMINAR: EASTERN EUROPE.** (3)

- **HIST 627D2 SEMINAR: EASTERN EUROPE.** (3)

**HIST 628D1 TOPICS IN RUSSIAN HISTORY.** (3) A seminar covering topics in Russian History which vary from year to year. Topic for 2002-03: Perestroika and the Collapse of the Soviet Union.

**HIST 628D2 TOPICS IN RUSSIAN HISTORY.** (3)

- **HIST 629D1 CANADIAN IMMIGRATION HISTORY.** (3)

- **HIST 629D2 CANADIAN IMMIGRATION HISTORY.** (3)

**HIST 631D1 TOPICS: U.S. SOCIAL HISTORY.** (3) Topic for 2002-03: U.S. History since 1890.

**HIST 631D2 TOPICS: U.S. SOCIAL HISTORY.** (3)

- **HIST 634D1 MODERN BRITISH HISTORY SINCE 1867.** (3)

- **HIST 634D2 MODERN BRITISH HISTORY SINCE 1867.** (3)

- **HIST 642 CANADIAN EXTERNAL RELATIONS 1867 TO PRESENT.** (6)

- **HIST 643D1 CANADIAN HISTORY TO 1867.** (3)

- **HIST 643D2 CANADIAN HISTORY TO 1867.** (3)

- **HIST 652D1 CANADIAN HISTORY 1867 TO 1967.** (3)

- **HIST 652D2 CANADIAN HISTORY 1867 TO 1967.** (3)

- **HIST 653D1 SOCIAL EVOLUTION OF NEW FRANCE.** (3)

- **HIST 653D2 SOCIAL EVOLUTION OF NEW FRANCE.** (3)

**HIST 655D1 TUTORIAL.** (3) 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.

**HIST 655D2 TUTORIAL.** (3)

- **HIST 656D1 TUTORIAL.** (3)

- **HIST 656D2 TUTORIAL.** (3)

- **HIST 658D1 SEMINAR IN CHINESE HISTORY.** (3)

- **HIST 658D2 SEMINAR IN CHINESE HISTORY.** (3)

- **HIST 668D1 JAPANESE INTELLECTUAL HISTORY.** (3)

- **HIST 668D2 JAPANESE INTELLECTUAL HISTORY.** (3)

- **HIST 671D1 SEMINAR: AMERICAN SOCIETY - CIVIL WAR - 1920.** (3)

- **HIST 671D2 SEMINAR: AMERICAN SOCIETY - CIVIL WAR - 1920** (3)

- **HIST 673D1 PROBLEMS IN U.S. HISTORY.** (3)

- **HIST 673D2 PROBLEMS IN U.S. HISTORY.** (3)

**HIST 677D1 SEMINAR: EUROPEAN JEWISH HISTORY.** (3) Topic for 2002-03: The Jewish Community in Europe 1096-1789.

**HIST 677D2 SEMINAR: EUROPEAN JEWISH HISTORY.** (3)

**HIST 678 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.

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

- **HIST 683D1 HISTORY OF MONTREAL.** (3)

- **HIST 683D2 HISTORY OF MONTREAL.** (3)

- **HIST 690 BRITISH NORTH AMERICA 1760-1867.** (6)

**HIST 691 M.A. RESEARCH PAPER 1.** (6)

**HIST 692 M.A. RESEARCH PAPER 2.** (6)

**HIST 693 M.A. RESEARCH PAPER 3.** (9)

**HIST 694 M.A. RESEARCH PAPER 4.** (9)

**HIST 696 THESIS RESEARCH 1.** (12)

**HIST 697 THESIS RESEARCH 2.** (12)

**HIST 698 THESIS RESEARCH 3.** (12)

**HIST 699 TUTORIAL.** (3)

- **HIST 702 COMPREHENSIVE EXAMINATION - MAJOR FIELD.** (0)

**HIST 702D1 COMPREHENSIVE EXAMINATION - MAJOR FIELD.** (0)

**HIST 702D2 COMPREHENSIVE EXAMINATION - MAJOR FIELD.** (0)

- **HIST 703 COMPREHENSIVE EXAMINATION - FIRST MINOR FIELD.** (0)

**HIST 703D1 COMPREHENSIVE EXAMINATION - FIRST MINOR FIELD.** (0)

**HIST 703D2 COMPREHENSIVE EXAMINATION - FIRST MINOR FIELD.** (0)

- **HIST 704 COMPREHENSIVE EXAMINATION - SECOND MINOR FIELD.** (0)

**HIST 704D1 COMPREHENSIVE EXAMINATION - SECOND MINOR FIELD.** (0)

**HIST 704D2 COMPREHENSIVE EXAMINATION - SECOND MINOR FIELD.** (0)

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## 36 Human Genetics

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

Chair — D.S. Rosenblatt

Program Directors:

*M.Sc. in Genetic Counselling* — R. Palmour

*M.Sc. and Ph.D. in Human Genetics* — R. St-Arnaud

Graduate Program Coordinator — L. 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., C.M.(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. Glass; M.A.(Barat), B.C.L., D.C.L.(McG.) (*Pediatrics*)

K. Morgan; B.S., M.S., Ph.D (Mich.) (*Medicine*)

R. Palmour; B.A.(Texas W.), Ph.D.(Texas) (*Psychiatry and Biology*)

D. Radzioch; M.Sc., Ph.D.(Jagiellonian, Krakow) (*Medicine*)  
 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

W. Foulkes; B.Sc., MB.BS., Ph.D.(London) (*Medicine*)  
 T. Hudson; M.D.(Montr.) (*William Dawson Scholar*) (*Medicine*)  
 F. Kaplan; B.A.(Columbia), Ph.D.(McG.) (*Pediatrics*)  
 D. Malo; D.U.M., M.Sc.(Montr.), Ph.D.(McG.) (*William Dawson Scholar*) (*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*)  
 P. Tonin; B.Sc., M.Sc., Ph.D.(Tor.) (*Medicine*)  
 J. Trasler; M.D.,C.M., Ph.D.(McG.) (*William Dawson Scholar*) (*Pathology and Pediatrics*)

#### Assistant Professors

V. Desilets; M.D. (Laval) (*Obs. - Gyn.*)  
 M. Fujiwara; M.Sc.(Alta.) (*Medicine*)  
 R. Koenekoop; B.Sc., M.Sc.(Utrecht), Ph.D. (Clark, Worcester), M.D.,C.M.(McG.) (*Ophthalmology*)  
 B. St-Jacques; Ph.D.(Cambridge)

#### Lecturers

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

#### Associate Members

A. Ao; B.Sc., M.Sc.,(NE Hill.), M.Phil.(Jawaharlal Nahru 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. Galipeau; M.D.(Montr.)  
 J. Genest; B.Sc.(Stanislas), M.D.,C.M.(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*)  
 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'neil), 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.,C.M.(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.humangenetics.mcgill.ca> (thesis).

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 two 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 (credit card, 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 (credit card, 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.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

## 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)

BIOL 370	(3)	Human Genetics Applied
EPIB 606	(3)	Epidemiology
HGEN 600	(6)	Genetic Counselling Practicum
HGEN 610	(3)	Genetic Counselling: Independent Research Project
HGEN 620	(12)	Introductory Field Work Rotations

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

HGEN 630D1	(6)	Advanced Field Work Rotations
HGEN 630D2	(6)	Advanced Field Work Rotations
HGEN 640	(3)	Clinical Genetic
HGEN 641	(3)	Clinical Genetics 2

#### Complementary Course (3 credits)

chosen from:

PSYC 337	(3)	Introduction to Abnormal Psychology
HGEN 611	(3)	Independent Studies
HGEN 650	(3)	Genetic Counselling: Reading Project
HGEN 660	(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 two-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 1/2 years.

**Course Requirements** – Forty-five credits are required for the M.Sc. degree. Students must complete the courses HGEN 662, HGEN 680, HGEN 681, HGEN 682 (Lab techniques and M.Sc. Research 1, 2, 3). Students must also complete 3 additional, 3-credit Graduate courses to complete their requirements. For grad-

uate students, a "pass" mark in required courses is B- 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 500 or higher. Additional courses may be required if the student's background is insufficient. A graduate pass (B- 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 (HGEN 700) 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

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

**Courses with numbers ending D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

HGEN has replaced 521 as the prefix for Human Genetics courses.

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

### M.Sc. in Genetic Counselling Courses

**HGEN 600 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.

**May also be available as:  
HGEN 600D1, HGEN 600D2.**

**HGEN 610 GENETIC COUNSELLING: INDEPENDENT STUDIES.** (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.

**HGEN 611 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.

**HGEN 620D1 INTRODUCTORY FIELD WORK ROTATIONS.** (6) 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.

**HGEN 620D2 INTRODUCTORY FIELD WORK ROTATIONS.** (6)

**HGEN 630D1 ADVANCED FIELD WORK ROTATIONS.** (6) 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).

**HGEN 630D2 ADVANCED FIELD WORK ROTATIONS.** (6)

**HGEN 640 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.

**May also be available as:**

**HGEN 640D1, HGEN 640D2.**

**HGEN 641 CLINICAL GENETICS 2.** (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.

**HGEN 650 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.

**HGEN 660 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**

**HGEN 661 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.

**HGEN 662 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.

**HGEN 670 ADVANCES IN HUMAN GENETICS 1.** (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.

**HGEN 671 ADVANCES IN HUMAN GENETICS 2.** (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.

**HGEN 672 ADVANCES IN HUMAN GENETICS 3.** (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.

**HGEN 680 M.Sc. THESIS RESEARCH 1.** (9) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**HGEN 681 M.Sc. THESIS RESEARCH 2.** (12) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**HGEN 682 M.Sc. THESIS RESEARCH 3.** (12) Independent research work under the direction of the Thesis Supervisor and the Supervisory Committee.

**HGEN 690 INHERITED CANCER SYNDROMES.** (3) The principles and practice associated with inherited predisposition to cancer (breast and colon cancers, example) such as the methods of gene discovery, clinical characteristics of inherited predisposition, methods of mutation analysis, genetic counselling, and ethical issues of genetic testing.

**HGEN 691 HOST RESPONSES TO PATHOGENS.** (3) Introduction to advanced concepts of host resistance to infectious diseases as they apply to both animal models and human populations.

**HGEN 701 Ph.D. COMPREHENSIVE EXAMINATION.** (0)

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

#### **Biology**

**BIOL 370 HUMAN GENETICS APPLIED.** (3)

**BIOL 468 TOPICS ON THE HUMAN GENOME.** (3)

**BIOL 475 HUMAN BIOCHEMICAL GENETICS.** (3)

**BIOL 588 MOLECULAR/CELLULAR NEUROBIOLOGY.** (3)

#### **Biochemistry**

**BIOC 450 PROTEIN STRUCTURE AND FUNCTION.** (3)

**BIOC 454 NUCLEIC ACIDS.** (3)

(Note: All undergraduate courses administered by the Faculty of Science (courses at the 100- to 500-level) have limited enrolment.)

## **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/dise>

Graduate Programs:

Education Building, Room 244

Telephone: (514) 398-4531

Fax: (514) 398-7436

Email addresses, by program:

[culture-values.dise@mcgill.ca](mailto:culture-values.dise@mcgill.ca)

[curriculum-studies.dise@mcgill.ca](mailto:curriculum-studies.dise@mcgill.ca)

[second-language-ed.dise@mcgill.ca](mailto:second-language-ed.dise@mcgill.ca)

[culture-values.dise@mcgill.ca](mailto:culture-values.dise@mcgill.ca)

*Chair* — Anthony Paré

*Co-Directors of Graduate Programs:*

*Curriculum and Second Language Education programs* —

Dr. Roy Lyster

*Culture and Values in Education and Leadership programs* —

Dr. Steven Jordan

The administrative office is open Monday to Friday from 08:30 to 17:00. 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-Marseilles), 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)  
 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.)  
 R. Lynn Studham, N.D.D.(Sunder.), A.R.A.(Royal Acad., Copen.), M.A.(E. Carolina), C.S.G.A., S.C.A.

**Associate Professors**

Helen Amoriggi, B.Sc., M.A.(Rhode Island), Ed.D.(Boston)  
 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.)  
 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 appt. 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.)  
 Ruth Sandwell, B.A.(Carl.), M.A.(U.Vic.), Ph.D.(Simon Fraser)  
 Mela Sarkar, B.A., Dip.Ed.(McG.), M.A., Ph.D.(C'dia)  
 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**

Aigail Anderson, B.A.(Sir G.Wms.), Dip.Ed., M.A.(McG.)  
 Gretta Chambers, B.A.(McG.)  
 Scott Conrold, B.Sc.(Sir G.Wms.), M.Ed.(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)  
 Vikki Zack, B.A., Dip.Ed.(McG.), M.A.(Montr.), Ph.D.(McG.)

**37.2 Programs Offered**

The Department offers M.A. thesis and non-thesis degree programs (45 credits) in the following areas:

- Culture and Values in Education
- Second Language Education
- Educational Studies (Curriculum or Leadership concentration)

The Department also offers a 15-credit Graduate Certificate in Educational Leadership and an *ad hoc* Ph.D.

Applicants should take note that, unlike the Department's Bachelor of Education programs, these graduate programs do not lead to teacher certification.

**37.3 Admission Requirements****M.A. and Certificate Programs**

1. Applicants to the M.A. and Certificate 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 be admitted as Qualifying or Special Students to take relevant courses. All course selection is made in consultation with a program advisor.
2. International students who have not completed their undergraduate studies at an English-speaking university must have a TOEFL score of at least 580 on the paper-based test (237 on the computer-based test). The Department reserves the right to evaluate the applicant's language proficiency before initial registration.
3. A letter of intent specifying 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 must 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.** 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 Educational Studies.** Normally, at least two years of relevant educational experience (teaching or related professional experience)

**Graduate Certificate in Educational Leadership.** Normally, at least two years of relevant educational experience (teaching or related professional experience).

**Ad hoc Ph.D**

Applicants to the *ad hoc* Ph.D must contact the Graduate Program Coordinators (514) 398-4531, for more detailed and current information.

The designation of *ad hoc* in the Ph.D. program indicates that there are no required courses common to all doctoral candidates in the Department of Integrated Studies in Education. Instead, requirements for each student are determined by the Department according to the area of research and the background of the applicant.

In the absence of a more structured program, considerable independence is expected of *ad hoc* Ph.D students and demonstration of certain research skills is thus prerequisite to admission. For this reason, the submission of a five-page proposal and identification of a prospective supervisor are part of the application procedure.

The deadline for applications to the *ad hoc* Ph.D is February 1.

### 37.4 Application Procedure

Applications must submit to the Department, **before the application deadline**, the following:

1. Completed application form
2. \$60 application fee
3. Letter of intent (1 to 2 pages)
4. Curriculum vitae
5. TOEFL score (if applicable)

Applicants must arrange to have the following documents sent directly to the Department from the institutions involved:

6. Official transcripts of all previous undergraduate and graduate studies.
7. Two letters of recommendation. (At least one of the letters must be from a university-level instructor; the other may be from an administrator qualified to assess the applicant's professional qualities. Both letters must be on institutional letter-head paper with original signatures; no standard evaluation form is available for this purpose.)

The deadlines for submitting applications are:

Fall term:

March 1st – all applicants

Winter term:

June 1st – International Applicants (other than U.S.)

October 1st – Canadian and U.S. Applicants

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

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 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)

- EDEM 690 (3) Research Methods  
EDER 615 (3) Issues in Education 1

##### 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)

- EDER 690 (6) Thesis Preparation 1  
EDER 691 (6) Thesis Preparation 2  
EDER 692 (12) Thesis Preparation 3

#### MASTER OF ARTS IN CULTURE AND VALUES IN EDUCATION (Non-thesis Option) (45 credits)

##### Required Courses (18 credits)

- EDEM 690 (3) Research Methods  
EDER 615 (3) Issues in Education 1  
EDER 633 (12) Special Project

##### Complementary Courses (27 credits)

27 credits, selected in consultation with an advisor.

#### MASTER OF ARTS IN CULTURE AND VALUES IN EDUCATION (Non-thesis Option – Jewish Education) (45 credits)

This program is designed to offer a graduate-level point of entry into the teaching profession for students who typically will have completed a B.A. with minor or major in Jewish studies. The M.A. will not provide Quebec Government teacher certification (in

Quebec certification is at the B.Ed. level) but Jewish schools presently have the right to hire non-certified teachers of Jewish studies.

Students interested in doing a research-focused M.A. in the area of Jewish education should follow one of the other graduate degree offerings within the area of Culture and Values in Education.

##### Required Courses (21 credits)

- EDEM 690 (3) Research Methods  
EDER 520 (3) Issues in Jewish Education  
EDER 529 (0) Hebrew Language Requirement  
EDER 610 (15) Internship

##### Complementary Courses (24 credits)

24 credits at the 500 level or above, selected in consultation with the program advisor. Students will normally follow this profile:

9 credits from the course offerings of the Department of Jewish Studies, Faculty of Arts

9 credits from among the following:

- EDER 521 (3) Teaching Judaism: Yiddish  
EDER 522 (3) Teaching Judaism: Hebrew  
EDER 523 (3) Teaching Judaism: Bible  
EDER 524 (3) Teaching Judaism: History  
EDER 525 (3) Teaching Judaism: Holidays  
EDER 526 (3) Teaching Judaism: Liturgy  
EDER 527 (3) Teaching Judaism: Special Topics  
EDER 528 (3) Teaching Judaism: The Holocaust

6 credits from among the following:

- EDPI 526 (3) Talented and Gifted Studies  
EDPI 642 (3) Education of Learners/Special Needs 1  
EDPI 654 (3) Instruction/Curriculum Adaptation  
EDPI 666 (3) Methods in Learning Disabilities  
EDPE 510 (3) Learning and Technology  
EDPE 535 (3) Instructional Design  
EDPE 616 (3) Cognitive Development

#### 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)

- EDSL 623 (3) Second Language Learning  
EDSL 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 EDPE 575 Educational Measurement.

##### Departmental Seminars:

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

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

EDSL 666	(6)	Thesis Research 1
EDSL 667	(6)	Thesis Research 2
EDSL 668	(6)	Thesis Research 3
EDSL 669	(6)	Thesis Research 4

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

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

**Complementary Courses** (9 credits)

9 credits, three of the following courses:

EDSL 623	(3)	Second Language Learning
or EDSL 643	(3)	Psycholinguistique et ens. du FLS

EDSL 624	(3)	Educational Sociolinguistics
or EDSL 644	(3)	Sociolinguistique et ens. du FLS

EDSL 631	(3)	SL Curriculum Development
or EDSL 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 EDPE 575 Educational Measurement.

Elective courses in the Department are:

EDSL 506	(3)	Computer/Internet and L2 Learning
EDSL 603	(6)	Individual Reading Course
EDSL 616	(3)	Individual Reading Course
EDSL 617	(3)	Special Topic
EDSL 627	(3)	Classroom-Centred L2 Research
EDSL 630	(3)	Qualitative & Ethnographic Studies
EDSL 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 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)

EDEM 609	(3)	Issues in Educational Studies
EDEM 620	(3)	Meanings of Literacy
EDEC 606	(3)	Seminar in Curriculum Inquiry

**Complementary Courses** (6 credits)

two of the following courses:

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

**Elective Courses** (6 credits)

Two courses chosen in consultation with an advisor.

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

EDEM 621	(6)	Thesis 1
EDEM 623	(6)	Thesis 2
EDEM 699	(12)	Thesis 3

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

EDEM 609	(3)	Issues in Educational Studies
EDEM 620	(3)	Meanings of Literacy
EDEM 690	(3)	Research Methods
EDEC 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)

EDEM 625	(6)	Project 1
EDEM 627	(6)	Project 2

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

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

**Complementary Courses** (6 credits)

two of the following courses:

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

**Elective Courses** (6 credits)

Two courses chosen in consultation with an advisor.

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

EDEM 621	(6)	Thesis 1
EDEM 623	(6)	Thesis 2
EDEM 699	(12)	Thesis 3

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

EDEM 609	(3)	Issues in Educational Studies
EDEM 620	(3)	Meanings of Literacy
EDEM 690	(3)	Research Methods
EDEC 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)

EDEM 625	(6)	Project 1
EDEM 627	(6)	Project 2

**37.5.4 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)

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

**Complementary Courses** (6 credits)

Two courses chosen from the following:

EDEM 635	(3)	Fiscal Accountability in Education
EDEM 644	(3)	Curriculum Development and Implementation

EDEM 637	(3)	Managing Educational Change
EDEM 679	(3)	Interpretive Inquiry
EDEM 693	(3)	School Improvement Approaches
EDEM 675	(3)	Special Topics in Curriculum Issues
EDEM 683	(3)	Advanced Practicum
EDEM 671	(3)	The Principalship
EDEM 660	(3)	Community Relations in Education
EDEM 664	(3)	Education and Law
EDEC 635	(3)	Advanced Written Communication

### 37.6 Courses

**For the Term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

#### Single term and Multi-term Courses (D1/D2, N1/N2, J1/J2/J3)

The same course may be available as a single term offering and also as a multi-term offering (commonly referred to as "span" or "spanned" courses). The course content and credit weight is equivalent in all modes; the only difference being the scheduling.

**Courses with numbers ending D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

#### Courses with numbers ending in:

**D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms, e.g., 200209 (Fall) and 200301 (Winter).

**N1 and N2** are taught in two non-consecutive terms (Winter and Fall). Students must register for both the N1 and N2 components. No credit will be given unless both components (N1 and N2) are successfully completed in the same calendar year, e.g., 2003.

**J1, J2 and J3** are taught over three consecutive terms. Students must register for all three components (J1, J2, J3). No credit will be given unless all three components are successfully completed.

#### Please note the following course prefix changes:

EDEA (Arts Education) has replaced 424, 426, 429  
 EDEC (Curriculum and Instruction) has replaced 455  
 EDEE (Elementary Education) has replaced 433  
 EDEM (Admin & Policy Studies in Education) has replaced 411  
 EDER (Religious Studies) has replaced 415, 421, 422, 423  
 EDES (Secondary Education) has replaced 425  
 EDFC (Bachelor of Education Core Program) has replaced 448  
 EDLS (Education in Second Languages) has replaced 431

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

- Denotes courses not offered in 2002-03
- Denotes limited enrolment

#### 37.6.1 EDEA – Arts Education

- EDEA 606N1 PRINTMAKING. (3)
- EDEA 606N2 PRINTMAKING. (3)
- EDEA 612 ART EDUCATION TUTORIAL. (3) (Not open to those who have taken 426-612 six credits - prior to 1993.)
- EDEA 613 RESEARCH PAPER ON ART EDUCATION. (6)
- EDEA 615 SPECIAL TOPICS IN MUSIC EDUCATION. (3)
- EDEA 642 ROLE MUSIC EDUCATION IN CHILD DEVELOPMENT. (3)
- EDEA 652 APPROACHES TO MUSIC CURRICULUM. (3)

#### 37.6.2 EDEC – Curriculum and Instruction

**EDEC 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 in any subject.

**EDEC 602 FOUNDATIONS OF CURRICULUM.** (3) The processes of development, implementation and evaluation will be studied from the perspective of the teacher. The focus will be on the role of the teacher as a curriculum professional at the preschool, elementary and secondary school levels.

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

**May also be available as:**

**EDEC 603D1, EDEC 603D2**

- EDEC 604 LITERACY AND LEARNING ACROSS CURRICULUM. (3)

- EDEC 605 RESEARCH METHODS. (3)

**EDEC 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.

- EDEC 607 FOUNDATIONS OF LITERACY. (3)

**EDEC 608 SELECTED READINGS IN LITERACY.** (6) This course serves as a tutorial course that would normally involve the monograph supervisor. Students would concentrate their reading in an area pertinent to the monograph.

**May also be available as:**

**EDEC 608D1, EDEC 608D2**

**EDEC 609 DRAMA AND LITERACY.** (3) This course explores a range of approaches to the use of improvised drama in classrooms as a learning medium across the curriculum, with particular reference to the nature, use, and development of literacy.

**EDEC 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.

- EDEC 611 ISSUES IN ADULT LITERACY. (3)

- EDEC 612 MEDIA LITERACY. (3)

- EDEC 613 SELECTED READINGS IN CURRICULUM. (6)

- EDEC 614 NUMERACY ACROSS THE CURRICULUM. (3)

- EDEC 615 DISCOURSE IN TEACHER EDUCATION. (3)

**EDEC 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.

**EDEC 617 SPECIAL TOPICS - LITERACY STUDIES.** (3)

- EDEC 621 TRENDS AND ISSUES - LITERACY STUDIES. (3)

- EDEC 623 EMERGENT LITERACY. (3)

- EDEC 627 RESPONDING TO TEXTS. (3)

- EDEC 628 LITERACY - MULTILINGUAL/MULTICULTURAL SETTINGS. (3)

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

- EDEC 630 ASSESSMENT OF LITERACY. (3)

- EDEC 631 INDIVIDUAL ASSESSMENT IN LITERACY. (3)

- EDEC 633 PRACTICUM IN LITERACY. (3)

- EDEC 634 SUPERVISION OF LITERACY PROGRAMS. (3)

**EDEC 635 ADVANCED WRITTEN COMMUNICATION.** (3) Rhetorical practices and principles that remain constant across disciplines: generating and organizing ideas; setting goals; planning; consid-



ering readers; editing and revising. Students will analyze and produce texts that use the formats, rhetorical strategies, styles, genres, and other conventions of their disciplines.

- **EDEC 636 ISSUES: PEDAGOGICAL PRACTICES.** (3)
- **EDEC 637 GENDER, GENRE AND SCHOOLING.** (3)
- **EDEC 638 SCIENCE ELEMENTARY CURRICULUM.** (3)
- **EDEC 642 LANGUAGE DEVELOPMENT.** (3)

**EDEC 645 SCIENCE WRITING AND PUBLISHING.** (3) (Limited to senior graduate students - Ph.D.2 and above.) Techniques for writing reader-sensitive scientific articles and grant applications, including how to express abstract ideas.

**EDEC 690D1 MONOGRAPH PREPARATION AND PRESENTATION.** (6) The preparation and submission of a study project dealing with some aspect of the teaching of the candidate's specialization and supported by a comprehensive review of the relevant literature. The monograph is to be presented to the candidate's program director after the satisfactory completion of the required coursework.

**EDEC 690D2 MONOGRAPH PREPARATION AND PRESENTATION.** (6)

- **EDEC 691 PROJECT 1.** (6)
- **EDEC 692 PROJECT 2.** (6)
- **EDEC 701 PROSEMINAR IN EDUCATION 1.** (2)
- **EDEC 702 PROSEMINAR IN EDUCATION 2.** (2)
- **EDEC 703 PH.D. COLLOQUIUM 1.** (2)
- **EDEC 704 PH.D. COLLOQUIUM 2.** (2)
- **EDEC 705 ADVANCED RESEARCH DESIGNS.** (3)

**EDEC 706 TEXTUAL APPROACHES TO RESEARCH.** (3) Survey a range of research strategies including philosophical, theoretical, historical, narrative, and autobiographical methods of textual analysis.

### 37.6.3 EDEE – Elementary Education

- **EDEE 603 INDIVIDUAL READING COURSE.** (6)
- **EDEE 635 ELEMENTARY SCHOOL MATHEMATICS CURRICULUM.** (3)

**EDEE 655 SPECIAL TOPICS - 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.

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

**EDEE 661 GLOBAL EDUCATION.** (3) Examines various theoretical and conceptual frameworks of global education; includes the historical development of global education and relationships to such associated subject areas as peace, multicultural and human rights education. Considers the design and delivery of global education in the school curriculum, and the effect of technology on global education.

### 37.6.4 EDEM – Admin & Policy Studies in Education

- **EDEM 511D1 GENERAL ADMINISTRATIVE PRACTICES.** (3)
- **EDEM 511D2 GENERAL ADMINISTRATIVE PRACTICES.** (3)

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

**May also be available as:**

**EDEM 603D1, EDEM 603D2**

**EDEM 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.

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

**EDEM 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 proc-

esses that engage students with each other and various members of the Department.

**EDEM 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.

- **EDEM 612 FOUNDATIONS OF ADMINISTRATION & POLICY STUDIES EDUCATION 1.** (3)

- **EDEM 613 FOUNDATIONS OF ADMINISTRATION & POLICY STUDIES EDUCATION 2.** (3)

- **EDEM 615D1 SELECTED ISSUES: CONTEMPORARY EDUCATION.** (3)

- **EDEM 615D2 SELECTED ISSUES: CONTEMPORARY EDUCATION.** (3)

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

- **EDEM 618 EDUCATION IN QUEBEC.** (3)

**EDEM 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.

**EDEM 621D1 THESIS 1.** (3) Departmental seminar to guide students through the process of developing a thesis proposal, identifying a supervisor, research sites and participants, and considering ethical issues.

**EDEM 621D2 THESIS 1.** (3)

**EDEM 623D1 THESIS 2.** (3) Continuation of EDEM 621.

**EDEM 623D2 THESIS 2.** (3)

**EDEM 625 PROJECT 1.** (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.

**May also be available as:**

**EDEM 625D1, EDEM 625D2**

**EDEM 627 PROJECT 2.** (6) Extension of Project 1 or new project.

**May also be available as:**

**EDEM 627D1, EDEM 627D2**

**EDEM 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.

**May also be available as:**

**EDEM 628D1, EDEM 628D2**

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

- **EDEM 630 POLICY ISSUES: WORKPLACE LEARNING.** (3)

- **EDEM 634 MONOGRAPH: PREPARATION AND PRESENTATION.** (12) (Prerequisite: Completion of required courses)

- **EDEM 635 FISCAL ACCOUNTABILITY IN EDUCATION.** (3)

- **EDEM 637 MANAGING EDUCATIONAL CHANGE.** (3)

- **EDEM 640 CURRICULUM THEORY.** (3)

- **EDEM 642 CURRICULUM DESIGN.** (3)

- **EDEM 644 CURRICULUM DEVELOPMENT AND IMPLEMENTATION.** (3)

- **EDEM 645 PRACTICUM: SUPERVISION OF INSTRUCTION.** (3)

**EDEM 646D1 PLANNING AND EVALUATION.** (1.5) 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.

**EDEM 646D2 PLANNING AND EVALUATION.** (1.5)

- **EDEM 648 HISTORY OF EDUCATION IN FRENCH CANADA.** (6)
- **EDEM 653 INSTITUTIONAL EVALUATION.** (3)
- **EDEM 654 CASE STUDIES.** (3)
- **EDEM 659 PROGRAM EVALUATION.** (3)
- **EDEM 660 COMMUNITY RELATIONS IN EDUCATION.** (3)
- **EDEM 661 POLITICS OF EDUCATION.** (3)
- **EDEM 664 EDUCATION AND THE LAW.** (3)
- **EDEM 669 POLICY ISSUES IN CANADIAN EDUCATION.** (3)

**EDEM 671 THE PRINCIPALSHIP.** (3) Roles, expectations and skills related to the task of the school principal and the implications for school climate and effectiveness.

**EDEM 673 LEADERSHIP THEORY IN EDUCATION.** (3) Concepts of leadership and the role of leadership in educational settings.

**May also be available as:**

**EDEM 673D1, EDEM 673D2**

- **EDEM 674 ORGANIZATIONAL THEORY AND EDUCATION.** (3)
- **EDEM 675 SPECIAL TOPICS 1.** (3)
- **EDEM 676 ORGANISING NON-FORMAL LEARNING.** (3)

**EDEM 677 SPECIAL TOPICS 2.** (3) Important current issues in the field of Educational Studies. (Content varies from year to year.)

- **EDEM 679 INTERPRETIVE INQUIRY.** (3)
- **EDEM 681 PRACTICUM ADMINISTRATIVE STUDIES.** (3)
- **EDEM 682 PRACTICUM IN POLICY STUDIES.** (3) (Prerequisite: Completion of required courses.)
- **EDEM 683 ADVANCED PRACTICUM.** (6) (Prerequisite: Completion of required courses.)

**EDEM 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.

- **EDEM 691 QUANTITATIVE RESEARCH METHODS.** (3)

**EDEM 692 QUALITATIVE RESEARCH METHODS.** (3) Theoretical and practical exploration of the foundations of qualitative methods, with emphasis on underlying principles.

**EDEM 693 SCHOOL IMPROVEMENT APPROACHES.** (3) Analysis of action research approaches used to improve school performance.

**EDEM 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.

**EDEM 699D1 THESIS 3.** (6) Final synthesis of the research project.

**EDEM 699D2 THESIS 3.** (6)

**EDEM 700 COMPREHENSIVE EXAMINATION.**(0)

- **EDEM 701 DOCTORAL SEMINAR.**(0)
- **EDEM 702 ADVANCED RESEARCH SEMINAR.**(0)

### 37.6.5 EDER – Religious Studies

- **EDER 502 SOCIAL FOUNDATIONS OF EDUCATION.** (3)
- ▲ **EDER 505 EDUCATION AND SOCIAL ISSUES.** (3)

**EDER 603 INDIVIDUAL READING COURSE.** (6)

- **EDER 604 SELECTED EDUCATIONAL THEORIES.** (3)
- **EDER 605 SOCIAL AND EDUCATIONAL FUTURES.** (3)

**EDER 606 PHILOSOPHY OF MORAL EDUCATION.** (3) A study of principles underlying contemporary moral education such as what constitutes moral values and judgments, normative basis for morality, and differing foundations employed in determining moral norms.

**EDER 607 VALUES EDUCATION: CONTEMPORARY APPROACHES.**

(3) A study of the objectives, content and approaches to the teaching of human and moral values. A critical examination of selected programs dealing with human and moral values.

- **EDER 608 EDUCATIONAL IMPLICATIONS OF SOCIAL THEORY.** (3)
- **EDER 609 EDUCATION AND PHILOSOPHICAL THOUGHT.** (3)
- **EDER 611 PHILOSOPHICAL ASPECTS OF EDUCATIONAL INQUIRIES.** (3)

**EDER 614 SOCIOLOGY OF EDUCATION.** (3) Social context of schooling, including education and social stratification and socialization processes within and outside schools.

**EDER 615 ISSUES IN EDUCATION 1.** (3) An examination of philosophical, aesthetic and values issues in education.

**EDER 616 INDIVIDUAL READING COURSE.** (3)

**EDER 617 AESTHETICS AND EDUCATION.** (3) An examination and critical analysis of selected readings on the topic of aesthetics, with specific reference to their application to educational practice.

- **EDER 618 PERFORMANCE/STUDIO CRITIQUE 1.** (3)

- **EDER 622 STUDIES IN COMPARATIVE EDUCATION.** (3)

**EDER 623 ISSUES IN EDUCATION 2.** (3) An examination of political, cultural, and multicultural issues in education.

**EDER 625 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: Post-modernism and Education; Antiracist Education; Cultural Relativism and Critical Thinking; Popular Culture and Education.)

**EDER 626 TOPICS: VALUE 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.)

- **EDER 630 FOUNDATIONS OF RELIGIOUS EDUCATION.** (3)

- **EDER 631 THEORIES OF RELIGIOUS EDUCATION.** (3)

**EDER 632 PEACE EDUCATION.** (3) The historical development of education for peace; examination of different philosophical approaches to peace education; critical study of selected projects and programs.

**EDER 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.

**May also be available as:**

**EDER 633D1, EDER 633D2**

- **EDER 639 EDUCATION AND DEVELOPMENT.** (3)

- **EDER 641 PATTERNS OF RELIGIOUS DEVELOPMENT 1.** (3)

**EDER 643 WOMEN, EDUCATION AND DEVELOPMENT.** (3) This course will trace the major theoretical developments in women and development and relate them to educational issues in the formal, non-formal and informal settings. There will be an emphasis on the significance and policy implications of women's education for sustainable developments in the countries of the South.

**EDER 649 EDUCATION: MULTICULTURAL SOCIETIES.** (3) Majority-minority relations and their implications for educational policy and practice.

- **EDER 651 SELECTED TOPICS: TEACHING OF RELIGION.** (3)
- **EDER 652 NATIONAL EDUCATION SYSTEMS 1.** (3)
- **EDER 653 NATIONAL EDUCATION SYSTEMS 2.** (3)
- **EDER 659 PRINCIPLES-EDUCATION IN HUMAN SEXUALITY.** (3)
- **EDER 672 POLICY ON GENDER ISSUES.** (3)
- **EDER 677 ADVANCED PHILOSOPHY OF EDUCATION.** (6)

**EDER 690 THESIS PREPARATION 1.** (6) A supervised comprehensive study and written review of the literature in the area of the student's thesis topic.

**May also be available as:**  
EDER 690D1, EDER 690D2

**EDER 691 THESIS PREPARATION 2.** (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.

**May also be available as:**  
EDER 691D1, EDER 691D2  
EDER 691N1, EDER 691N2

**EDER 692 THESIS PREPARATION 3.** (12) Supervised on-going research and writing pertaining to the student's thesis. Submission of the completed thesis for examination and evaluation.

**May also be available as:**  
EDER 692D1, EDER 692D2  
EDER 692N1, EDER 692N2

**EDER 701 DOCTORAL COMPREHENSIVE EXAMINATION.**(0)

**May also be available as:**  
EDER 701D1, EDER 701D2

### 37.6.6 EDES – Secondary Education

● **EDES 601 CONTEMPORARY ISSUES: POST-ELEMENTARY EDUCATION.** (3)

**EDES 602 SELECTED TOPICS 1.** (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.

- **EDES 604 ADVANCED STUDIES IN SUBJECT AREA 2.** (3)
- **EDES 611 MODERN SECONDARY SCHOOL CHEMISTRY CURRICULA.** (3)
- **EDES 616 INDIVIDUAL READING COURSE.** (3)
- **EDES 617D1 SCIENCE SECONDARY CURRICULUM.** (1.5)
- **EDES 617D2 SCIENCE SECONDARY CURRICULUM.** (1.5)
- **EDES 631 PRINCIPLES, PRACTICES, TRENDS: VOCATIONAL EDUCATION.** (3)
- **EDES 651 MATHEMATICS CURRICULUM ISSUES.** (3)
- **EDES 671 ISSUES IN SCIENCE CURRICULUM.** (3)
- **EDES 681 SOCIAL SCIENCES SECONDARY CURRICULUM.** (3)

### 37.6.7 EDFC – Bachelor of Education Core Program

- **EDFC 607 ISSUES: EDUCATIONAL TECHNOLOGY.** (3)

### 37.6.8 EDSL – Education in Second Languages

□ **EDSL 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.

**EDSL 603 INDIVIDUAL READING COURSE 1.** (6) Independent study of an approved topic with the guidance of individual instructor and permission of Graduate Program Director.

**EDSL 616 INDIVIDUAL READING COURSE 2.** (3) Independent study of an approved topic with the guidance of individual instructor and permission of Graduate Program Director.

**EDSL 617 SPECIAL TOPIC.** (3) In-depth study of a current topic in Second Language Education. in conjunction with EDSL 630.)

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

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

● **EDSL 627 CLASSROOM CENTERED RESEARCH: SECOND LANGUAGES.** (3)

**EDSL 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.

● **EDSL 630 QUALITATIVE/ETHNOGRAPHIC STUDIES.** (3)

**EDSL 631 SECOND LANGUAGE CURRICULUM DEVELOPMENT.** (3) Research, theory and practice in curriculum development and teaching in second language education within contemporary frameworks.

**EDSL 632 SECOND LANGUAGE LITERACY DEVELOPMENT.** (3) Theory and research related to the teaching and learning of second language literacy. The orientation is on reading and writing as a socio-cognitive activity.

● **EDSL 643 PSYCHOLINGUISTIQUE ET ENSEIGNEMENT DU FRANÇAIS LS.** (3)

● **EDSL 644 SOCIOLINGUISTIQUE ET ENSEIGNEMENT DU FRANÇAIS LS.** (3)

● **EDSL 647 DEVELOPPEMENT CURRICULAIRE.** (3)

● **EDSL 651 FRENCH IMMERSION EDUCATION: CANADA.** (3)

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

**EDSL 666 THESIS RESEARCH 1.** (6) Submission of a thesis proposal.

**EDSL 667 THESIS RESEARCH 2.** (6) Presentation of thesis proposal.

**EDSL 668 THESIS RESEARCH 3.** (6) Master's thesis.

**EDSL 669 THESIS RESEARCH 4.** (6) Master's thesis.

**EDSL 690 MONOGRAPH - SECOND LANGUAGES.** (12)

**EDSL 701 COMPREHENSIVE EXAMINATION.** (3)

**EDSL 711 LANGUAGE ACQUISITION ISSUES 3.** (2)

## 38 Islamic Studies

Institute of Islamic Studies  
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*Director* — A. Uner Turgay

### 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)

Bilal Kuspinar; Ph.D.(McG.)

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

### 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.

### 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.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 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 Graduate and Postdoctoral Studies Office);

- b) course work: 27 credits which must include at least one 700-level seminar course offered by the Institute, and Lower Intermediate Arabic ISLA 522 (as the Language Requirement);
- c) Research Materials ISLA 603 ("Pass" - not for credit);
- d) Thesis courses (24 credits in all): ISLA 697 (6 credits), ISLA 698 (6 credits) and ISLA 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 (ISLA 523D1/ISLA 523D2), 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 (ISLA 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

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

The course credit weight is given in parentheses after the title. Term(s) offered (Fall, Winter, Summer) may appear after the credit weight to indicate when a course would normally be taught. Please check the Class Schedule to confirm this information.

**Courses with numbers ending D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

ISLA has replaced 397 as the prefix for Islamic Studies courses.

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

● Denotes courses not offered in 2002-03

★ Denotes courses taught only in alternate years.

★ **ISLA 410 HISTORY: MIDDLE-EAST 1798-1918.** (3) (Fall) (3 hours) A study of the Middle East from Napoleon's invasion of Egypt to the end of WW I. Emphasis will be on the emergence of nationalisms in the context of European imperialism; political, social, and economic transformation; religion and ideology; and changing patterns of alliances.

- ★ **ISLA 411 HISTORY: MIDDLE-EAST 1918-1945.** (3) (Fall) (3 hours)

**ISLA 501 THE QUR'AN: TEXT AND HISTORY.** (3) A study of the Qur'an's teachings, structures, style, and history in the light of classical and modern scholarship.

**ISLA 505 ISLAM: ORIGIN AND EARLY DEVELOPMENT.** (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.

**ISLA 506 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.

- ★ **ISLA 510D1 HISTORY: ISLAMIC CIVILIZATION - CLASSICAL.** (3) (Fall) (3 hours)

- ★ **ISLA 510D2 HISTORY: ISLAMIC CIVILIZATION - CLASSICAL.** (3) (Winter)

★ **ISLA 511D1 HISTORY: ISLAMIC CIVILIZATION - MEDIAEVAL ERA.** (3) (Fall) (3 hours) The Seljuks, and the medieval synthesis. The Moors in Spain and North Africa. The Crusades. The Mongols and the destruction of the Baghdad Caliphate. The Mamluk, Persian, Turkish and Indian Empires until 1700.

★ **ISLA 511D2 HISTORY: ISLAMIC CIVILIZATION - MEDIAEVAL ERA.** (3) (Winter)

**ISLA 521D1 INTRODUCTORY ARABIC.** (4.5) (Fall) (5 lecture hours and laboratory) Modern Standard Literary Arabic (non-spoken).

**ISLA 521D2 INTRODUCTORY ARABIC.** (4.5) (Winter)

**ISLA 522D1 LOWER INTERMEDIATE ARABIC.** (3) (Fall) (3 hours and laboratory) (Prerequisite: ISLA 521 or equivalent)

**ISLA 522D2 LOWER INTERMEDIATE ARABIC.** (3) (Winter)

**ISLA 523D1 HIGHER INTERMEDIATE ARABIC.** (3) (Fall) (3 hours) (Prerequisite: ISLA 522 or equivalent) (Formerly 397-623)

**ISLA 523D2 HIGHER INTERMEDIATE ARABIC.** (3) (Winter)

**ISLA 531D1 SURVEY DEVELOPMENT OF ISLAMIC THOUGHT.** (3) (Fall) (3 hours) A survey of the development of the major intellectual traditions of Islamic civilization in medieval and modern times.

**ISLA 531D2 SURVEY DEVELOPMENT OF ISLAMIC THOUGHT.** (3) (Winter)

**ISLA 532D1 INTRODUCTORY TURKISH.** (3) (Fall) (3 lecture hours plus conference and laboratory)

**ISLA 532D2 INTRODUCTORY TURKISH.** (3) (Winter)

**ISLA 533D1 LOWER INTERMEDIATE TURKISH.** (3) (Fall) (3 lecture hours plus conference and laboratory) (Prerequisite: ISLA 532 or equivalent)

**ISLA 533D2 LOWER INTERMEDIATE TURKISH.** (3) (Winter)

**ISLA 541D1 INTRODUCTORY PERSIAN.** (3) (Fall) (3 hours)

**ISLA 541D2 INTRODUCTORY PERSIAN.** (3) (Winter)

**ISLA 542D1 LOWER INTERMEDIATE PERSIAN.** (3) (Fall) (3 hours) (Prerequisite: ISLA 541 or equivalent)

**ISLA 542D2 LOWER INTERMEDIATE PERSIAN.** (3) (Winter)

**ISLA 551D1 INTRODUCTORY URDU.** (3) (Fall) (3 hours) (Introduction to the basic grammatical structures and vocabulary of the Urdu language, including drills in pronunciation and sentence structures.

**ISLA 551D2 INTRODUCTORY URDU.** (3) (Winter)

**ISLA 552D1 INTERMEDIATE URDU.** (3) (Fall) (3 hours) (Prerequisite: ISLA 551 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 intermediate competency in the language.

**ISLA 552D2 INTERMEDIATE URDU.** (3) (Winter)

- **ISLA 601 ISLAM IN INDONESIA.** (6)

- **ISLA 601D1 ISLAM IN INDONESIA.** (3)

- **ISLA 601D2 ISLAM IN INDONESIA.** (3)

**ISLA 603 INTRODUCTORY: RESEARCH MATERIALS - ISLAMIC STUDIES.** (3) (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.

**ISLA 604 ARABIC MANUSCRIPT TRADITION.** (3) This course will examine the way manuscript books were bound, transcribed, decorated, collated, corrected and glossed. It will deal with various scribal practices employed in the critical apparatus, including abbreviations, and will provide practical assistance on how to locate and choose a manuscript for text editing.

- **ISLA 605D1 ARABIC LITERATURE ADD. C500-1970s.** (3)

- **ISLA 605D2 ARABIC LITERATURE ADD. C500-1970s.** (3)

**ISLA 607 ISLAM AND POLITICS: PAKISTAN.** (3) Religious and institutional developments from later Mughal and British periods (1707-1947) to present; questions of Muslim identity and separatism; creation of Pakistan - an ideological or a modern state?; evolution of Islamic thought; the traditionalists and modernists; interplay of religion and politics; and the experiment of Islamization and its aftermath.

**ISLA 608 ISLAM AND POLITICS: IRAN.** (3) Religious and institutional developments from pre-modern Safavid Iran (1501-1795) to present; evolution of Shi'i theory of government; 'ulama' and politics; challenges of modernity; impact of 1979 Islamic Revolution on Iranian society; ideological conflict between traditionalists and reformists; intellectual cross-currents; and women's issues in post-Revolution Iran.

- **ISLA 615 HISTORY: ISLAMIC EAST 1256-1700.** (3)

- **ISLA 616D1 ISMAILI THOUGHT AND LITERATURE.** (3)

- **ISLA 616D2 ISMAILI THOUGHT AND LITERATURE.** (3)

- **ISLA 624D1 ADVANCED ARABIC.** (3)

- **ISLA 624D2 ADVANCED ARABIC.** (3)

**ISLA 633D1 HIGHER INTERMEDIATE TURKISH.** (3) (Prerequisite: ISLA 532 or equivalent)

**ISLA 633D2 HIGHER INTERMEDIATE TURKISH.** (3)

- **ISLA 634D1 ADVANCED TURKISH.** (3)

- **ISLA 634D2 ADVANCED TURKISH.** (3)

- **ISLA 644D1 ADVANCED PERSIAN.** (3)

- **ISLA 644D2 ADVANCED PERSIAN.** (3)

- **ISLA 670D1 ISLAMIC ART AND ARCHITECTURE.** (3)

- **ISLA 670D2 ISLAMIC ART AND ARCHITECTURE.** (3)

- **ISLA 680 PRO-SEMINAR: OTTOMAN INSTITUTIONS.** (3)

**ISLA 697 THESIS RESEARCH.** (6) Six credits for accepted thesis proposal.

May also be available as: **ISLA 697D1, ISLA 697D2.**

**ISLA 698 THESIS RESEARCH.** (6) Six credits on submission of completed thesis.

**ISLA 698D1 THESIS RESEARCH.** (3).

**ISLA 698D2 THESIS RESEARCH.** (3)

**ISLA 699 THESIS RESEARCH.** (12) Twelve credits for thesis passed by Internal and External examiners.

**ISLA 699D1 THESIS RESEARCH.** (6)

**ISLA 699D2 THESIS RESEARCH.** (6)

**ISLA 701 COMPREHENSIVE EXAMINATION.** (0)

May also be available as: **ISLA 701D1, ISLA 701D2.**

- **ISLA 702 COMP.INST: S.E. ASIAN ISLAM.** (3)

- **ISLA 703D1 READINGS: CLASSIC ARABIC PHILOSOPHY.** (3)

- **ISLA 703D2 READINGS: CLASSIC ARABIC PHILOSOPHY.** (3)

- **ISLA 704 TOPICS IN ISLAMIC THEOLOGY.** (3) (Seminar 2 hours)

★ **ISLA 705D1 STATE AND GOVERNMENT IN ISLAM.** (3) Survey of the evolution of the various patterns and concrete manifestations of Muslim political theory through the classical and medieval periods of Islamic history. The rise of modern states and relations between religion and politics in various Muslim countries.

**ISLA 705D2 STATE AND GOVERNMENT IN ISLAM.** (3)

**ISLA 706D1 ISLAMIC LAW.** (3) The nature of the law, its origins and historical development, the medieval schools of law, modern evolution of the law, and its roles in Islamic religious and political thought.

**ISLA 706D2 ISLAMIC LAW.** (3)

● ★ **ISLA 707 QUR'AN EXEGESIS (CLASSICAL).** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic)

★ **ISLA 708 QUR'AN EXEGESIS (MODERN).** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic) A study of two or three suras of the Qur'an as interpreted by modern exegetes. The suras considered may vary from year to year.

● **ISLA 711 ISLAMIC JURISPRUDENCE.** (3) (Seminar 2 hours) (Prerequisite: Reading knowledge of Arabic)

● **ISLA 712 HISTORY - SOUTHEAST ASIAN ISLAM.** (3) (Seminar 2 hours)

● **ISLA 713 ISLAM AND NATION STATES: SOUTHEAST ASIA.** (3) (Seminar 2 hours)

● **ISLA 714 ISLAMIC LITERARY TRADITION: SOUTHEAST ASIA.** (3)

● **ISLA 715 ADVANCED STUDIES IN ISLAMIC LAW.** (3) (Seminar, 2 hours) (Prerequisite: Reading knowledge of Arabic and ISLA 711 or consent of the instructor)

● **ISLA 716 ISLAMIC LEGAL DISCOURSE.** (3)

● **ISLA 721D1 ISLAMIC DEVELOPMENT: MODERN ARAB WORLD.** (3)

● **ISLA 721D2 ISLAMIC DEVELOPMENT: MODERN ARAB WORLD.** (3)

● ★ **ISLA 723D1 ISLAMIC DEVELOPMENTS - MODERN INDIA AND PAKISTAN.** (3)

● **ISLA 723D2 ISLAMIC DEVELOPMENTS - MODERN INDIA AND PAKISTAN.** (3)

● **ISLA 728D1 ISLAMIC DEVELOPMENT: MODERN NORTH AFRICA.** (3)

● **ISLA 728D2 ISLAMIC DEVELOPMENT: MODERN NORTH AFRICA.** (3)

● **ISLA 729 THE MAGHRIB AND THE ARAB WORLD.** (3)

● **ISLA 731D1 ISLAM IN THE MODERN WORLD.** (3)

● **ISLA 731D2 ISLAM IN THE MODERN WORLD.** (3)

● ★ **ISLA 732D1 RISE AND EVOLUTION - NATIONALISM AMONG MUSLIMS.** (3)

● ★ **ISLA 732D2 RISE AND EVOLUTION - NATIONALISM AMONG MUSLIMS.** (3)

● **ISLA 733D1 ISLAMIC RESURGENCE MOVEMENTS.** (3)

● **ISLA 733D2 ISLAMIC RESURGENCE MOVEMENTS.** (3)

● **ISLA 734 ISLAM IN CANADA.** (3)

● **ISLA 735 SPECIAL SEMINAR.** (3)

● **ISLA 736 SPECIAL TOPICS.** (3)

● **ISLA 739 SPECIAL SEMINAR.** (3)

**ISLA 740D1 MYSTICAL TRADITION OF ISLAM.** (3) (Seminar 2 hours) The varieties of mystical thought in Islam, primarily as seen in Sufism, its historical development and its place in Islamic culture. Analytical study of major authors, their writings and their central problems. Reading of primary sources in Arabic and Persian.

**ISLA 740D2 MYSTICAL TRADITION OF ISLAM.** (3)

● **ISLA 741D1 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 741D2 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 742 PHILOSOPHICAL TRADITION IN ISLAM.** (6)

● **ISLA 742D1 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 742D2 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 743D1 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 743D2 PHILOSOPHICAL TRADITION IN ISLAM.** (3)

● **ISLA 745 SPECIAL SEMINAR.** (3)

● **ISLA 747D1 MYSTICAL TRADITIONS OF ISLAM (SUFISM).** (3)

● **ISLA 747D2 MYSTICAL TRADITIONS OF ISLAM (SUFISM).** (3)

● **ISLA 748D1 MYSTICAL TRADITIONS OF ISLAM (SUFISM).** (3)

● **ISLA 748D2 MYSTICAL TRADITIONS OF ISLAM (SUFISM).** (3)

● **ISLA 749D1 SPECIAL TOPICS.** (3)

● **ISLA 749D2 SPECIAL TOPICS.** (3)

● ★ **ISLA 752D1 SOCIAL/ECONOMIC DEVELOPMENTS / MUSLIM COUNTRIES.** (3)

● ★ **ISLA 752D2 SOCIAL/ECONOMIC DEVELOPMENTS / MUSLIM COUNTRIES.** (3)

● **ISLA 758 ARABIC HISTORIOGRAPHY: CLASSICAL ERA.** (3).

● **ISLA 759 ARABIC HISTORIOGRAPHY: MEDIEVAL ERA.** (3)

● ★ **ISLA 761D1 THE MUGHALS AND THE SAFAVIDS.** (3)

● ★ **ISLA 761D2 THE MUGHALS AND THE SAFAVIDS.** (3)

● **ISLA 762D1 HISTORY AND DEVELOPMENT OF ISLAMIC STUDIES** (3)

● **ISLA 762D2 HISTORY AND DEVELOPMENT OF ISLAMIC STUDIES.** (3)

● ★ **ISLA 764D1 OTTOMAN HISTORY.** (3)

● ★ **ISLA 764D2 OTTOMAN HISTORY.** (3)

● **ISLA 777 ISLAMIC PHILOSOPHY.** (3)

● **ISLA 778 THE QUR'AN AND ARABIC STYLISTICS.** (3)

● **ISLA 780D1 STUDY OF A MAJOR ARAB AUTHOR.** (3)

● **ISLA 780D2 STUDY OF A MAJOR ARAB AUTHOR.** (3)

● **ISLA 782D1 MUSLIMS IN CENTRAL ASIA.** (3)

● **ISLA 782D2 MUSLIMS IN CENTRAL ASIA.** (3)

● **ISLA 788 SPECIAL TOPICS IN ISLAMIC THOUGHT.** (3)

● **ISLA 789 SPECIAL TOPICS.** (6)

● **ISLA 789D1 SPECIAL TOPICS.** (3)

● **ISLA 789D2 SPECIAL TOPICS.** (3)

## 39 Italian Studies

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Chair — Lucienne Kroha

### 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 Professor*

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

*Assistant Professor*

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

### 39.2 Programs Offered

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

### 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.

### 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 (credit card, money order, certified cheque in Canadian funds).

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

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 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 Graduate and Postdoctoral Studies Office regulations concerning the M.A. degree, as stated in the General Information section of the *Graduate and Postdoctoral Studies Calendar*, apply.

#### M.A., thesis option:

##### Required Courses (12 credits)

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

##### Complementary Courses (12 credits)

3 credits, one of:

- ITAL 590 (3) Italian 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)

- ITAL 698 (6) Thesis Preparation  
 ITAL 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)

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

##### Complementary Courses (24 credits)

3 credits, one of:

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

21 additional credits from among the graduate courses offered by the Department.

##### Research Papers (12 credits)

- ITAL 690 (6) Research Paper 1  
 ITAL 691 (6) Research Paper 2

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" (ITAL 606 and ITAL 607) offered as tutorials.

### 39.6 Courses

For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.

Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.

The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.

ITAL has replaced 132 as the prefix for Italian Studies courses. The course credit weight is given in parentheses after the title.

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

- Denotes courses not offered in 2002-03

#### ITAL 530 17TH-18TH CENTURY CULTURE. (3) (Fall)

- ITAL 542 HISTORY OF ITALIAN LANGUAGE. (3)
- ITAL 551 BOCCACCIO AND THE ITALIAN NOVELLA. (3)

#### ITAL 563 DANTE: VITA NUOVA AND OTHER MINOR WORKS. (3)

Topics in the literature of the 13th to the 16th Centuries. Topic for 2002: Dante's Paradiso.

- ITAL 590 ITALIAN LITERARY CRITICISM. (3)

#### ITAL 602 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.

May also be available as:

- ITAL 602D1, ITAL 602D2;  
 ITAL 602J1, ITAL 602J2, ITAL 602J3;  
 ITAL 602N1, ITAL 602N2.

#### ITAL 606 INDIVIDUAL READING COURSE 1. (3)

#### ITAL 607 INDIVIDUAL READING COURSE 2. (3)

ITAL 610 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.

May also be available as:

- ITAL 610D1, ITAL 610D2.

ITAL 619 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.

#### ITAL 640 ITALIAN LITERATURE AND WESTERN CULTURAL TRADITION. (3)

A study of certain aspects of Italian literature in relation to the literatures of other Western countries.

#### ITAL 650 ITALIAN LITERATURE AND FOLKLORE. (3)

#### ITAL 680 PROBLEMS IN ITALIAN LITERATURE. (3)

May also be available as:

- ITAL 680D1, ITAL 680D2.

ITAL 690 RESEARCH PAPER 1. (6) For students in non-thesis option only.

**May also be available as:**

ITAL 690D1, ITAL 690D2; ITAL 690N1, ITAL 690N2.

ITAL 691 RESEARCH PAPER 2. (6) For students in non-thesis option only.

**May also be available as:**

ITAL 691D1, ITAL 691D2; ITAL 691N1, ITAL 691N2.

**ITAL 698 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.

**May also be available as:**ITAL 698D1, ITAL 698D2;  
ITAL 698J1, ITAL 698J2, ITAL 698J3;  
ITAL 698N1, ITAL 698N2.

ITAL 699 THESIS. (18) Completion of the thesis.

**May also be available as:**ITAL 699D1, ITAL 699D2;  
ITAL 699J1, ITAL 699J2, ITAL 699J3;  
ITAL 699N1, ITAL 699N2.

**ITAL 701D1 COMPREHENSIVE EXAMINATION.** (3) (Students must also register for ITAL 701D2) (No credit will be given for this course unless both ITAL 701D1 and ITAL 701D2 are successfully completed in consecutive terms.)

**ITAL 701D2 COMPREHENSIVE EXAMINATION.** (3) (Prerequisite: ITAL 701D1) (No credit will be given for this course unless both ITAL 701D1 and ITAL 701D2 are successfully completed in consecutive terms.)

**May also be available as:**

ITAL 701J1, ITAL 701J2, ITAL 701J3.

● ITAL 710 TOPICS IN ITALIAN LITERATURE 1. (3)

ITAL 720 TOPICS IN ITALIAN LITERATURE 2. (3)

ITAL 780 STUDENT STAFF SEMINAR. (3)

ITAL 790 PH.D. LANGUAGE REQUIREMENT. (6)

**May also be available as:**

ITAL 7901D1, ITAL 790D2.

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## 40 Jewish Studies

Department of Jewish Studies  
3438 McTavish Street, Room 202  
Montreal, QC H3A 1X9  
Canada

Telephone: (514) 398-6543

Fax: (514) 398-5158

Email: [graduate.jewishst@mcgill.ca](mailto:graduate.jewishst@mcgill.ca)Website: <http://www.arts.mcgill.ca/programs/jewish/>

Chair — Gershon Hundert

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### 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*)

Carlos Fraenkel, B.A., M.A., Ph.D.(F.U. Berlin)

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.)

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### 40.2 Programs Offered

M.A. in Jewish Studies. (An *ad hoc* Ph.D. in Jewish Studies may be offered. 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.

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### 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.

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### 40.4 Application Procedures

Applications will be considered upon receipt of:

1. application form,
2. official 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: [graduate.jewishst@mcgill.ca](mailto:graduate.jewishst@mcgill.ca).

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

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### 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)

JWST 510 (3) Jewish Bible Interpretation 1

JWST 511 (3) Jewish Bible Interpretation 2

JWST 699 (3) Research in Jewish Studies

**Complementary Courses** (12 credits)

An additional 12 credits of courses, seminars, or tutorials.

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

JWST 690 (3) M.A. Thesis 1: Area I

JWST 691 (6) M.A. Thesis 2: Area I

JWST 692 (12) M.A. Thesis 3: Area I

JWST 694 (3) M.A. Thesis 4: 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 Course (3 credits)

JWST 699 (3) Research in Jewish Studies

##### Complementary Courses (18 credits)

6 credits to be taken from:

- JWST 602 (3) East European Jewish History 1  
(or other appropriate tutorial, seminar or topics course)  
JWST 603 (3) East European Jewish History 2  
(or other appropriate tutorial, seminar or topics course)

An additional 12 credits of courses, seminars, or tutorials.

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

- JWST 695 (3) M.A. Thesis 1: Area II  
JWST 696 (6) M.A. Thesis 2: Area II  
JWST 697 (12) M.A. Thesis 3: Area II  
JWST 601 (3) M.A. Thesis 4: Area II

### M.A., non-thesis option (45 credits)

##### Required Course (3 credits)

JWST 699 (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)*

- JWST 510 (3) Jewish Bible Interpretation 1  
JWST 511 (3) Jewish Bible Interpretation 2  
JWST 542 (3) Abraham Ibn Ezra as Parshan  
JWST 543 (3) Medieval Jewish Thought  
JWST 544 (3) Nachmanides as Parshan  
JWST 555 (3) The Bible in Jewish Philosophy  
JWST 556 (3) Modern Parshanut  
JWST 558 (3) Topics in Jewish Thought  
JWST 661 (3) Modern Jewish Thought

#### *Jewish History (12 or 15 credits)*

- JWST 585 (3) Tutorial in East European Jewish Studies 1  
JWST 586 (3) Tutorial in East European Jewish Studies 2  
JWST 602 (3) East European Jewish History 1  
JWST 603 (3) East European Jewish History 2  
HIST 655 (6) Tutorial in Jewish History  
HIST 677 (6) Seminar in Jewish History

#### *Jewish Literature (12 or 15 credits)*

- JWST 502 (3) Contemporary Hebrew Literature  
JWST 510 (3) Jewish Bible Interpretation 1  
JWST 511 (3) Jewish Bible Interpretation 2  
JWST 520 (3) Bible Interpretation in Antiquity  
JWST 521 (3) The Bible in the Dead Sea Scrolls  
JWST 522 (3) Topics in Ancient Bible Interpretation  
JWST 530 (3) Topics in Yiddish Literature 1  
JWST 531 (3) Topics in Yiddish Literature 2  
JWST 532 (3) Narrative Midrash  
JWST 533 (3) Halakhic Midrash  
JWST 534 (3) Homiletical Midrash  
JWST 535 (3) Exegetical Midrash  
JWST 536 (3) Readings in Aramaic Bible Translations  
JWST 537 (3) The Bible in the Talmud Bavli  
JWST 538 (3) Early Rabbinic Parshanut  
JWST 541 (3) Medieval Ashkenazic Parshanut  
JWST 546 (3) Innovative Medieval Parshanut  
JWST 547 (3) Mystical Biblical Interpretation  
JWST 548 (3) Medieval Parshanut  
JWST 550 (3) The Bible in Hebrew Literature  
JWST 551 (3) Twentieth-Century Parshanut

- JWST 554 (3) Modern Jewish Bible Scholars  
JWST 555 (3) The Bible in Jewish Philosophy  
JWST 556 (3) Modern Parshanut  
JWST 571 (3) Biblical Literature  
JWST 572 (3) Aggadah in Historical Scholarship  
JWST 573 (3) History of the Hebrew Bible Text  
JWST 574 (3) Bible in Responsa Literature  
JWST 575 (3) Topics in Parshanut  
JWST 581 (3) Aramaic Language  
JWST 582 (3) Hebrew and Aramaic Philology  
JWST 587 (3) Seminar in Jewish Literature 1  
JWST 588 (3) Seminar in Jewish Literature 2

## 40.6 Courses

**For the term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students/class/>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

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

JWST has replaced 135 as the prefix for Jewish Studies courses. The course credit weight is given in parentheses after the title.

- Denotes courses not offered in 2002-03

**JWST 502 CONTEMPORARY HEBREW LITERATURE.** (3) (Prerequisite: JWST 340 or permission of instructor) (Knowledge of Hebrew required) Close reading of selected texts representative of Israeli Hebrew literature. Attention will be paid to stylistic and thematic innovations and in narrative.

**JWST 510 JEWISH BIBLE INTERPRETATION 1.** (3) (Not open to students who have taken JWST 512) The issues, approaches, and texts of Jewish Bible interpretation between the Biblical and talmudic eras: Bible interpretation in the Bible; in Greco-Roman Jewish literature; in the Mishnah, Tosefta, Targumim, and Talmudim; early Samaritan interpretation, Bible interpretation in ancient synagogue art, and in the massoretic literature.

**JWST 511 JEWISH BIBLE INTERPRETATION 2.** (3) (Not open to students who have taken JWST 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.

● **JWST 523 ANCIENT BIBLE INTERPRETATION.** (3)

● **JWST 534 HOMILETIC MIDRASH.** (3)

● **JWST 535 EXEGETIC MIDRASH.** (3)

● **JWST 538 EARLY RABBINIC PARSHANUT 1.** (3)

● **JWST 539 BIBLICAL INTERPRETATION 1.** (3)

● **JWST 540 BIBLICAL INTERPRETATION 2.** (3)

● **JWST 541 MEDIEVAL ASHKENAZI PARSHANUT.** (3)

**JWST 543 MAIMONIDES AS PARSHAN.** (3) (Requires Departmental approval) (Not open to students who have taken JWST 540) Biblical Interpretation in the Guide of the Perplexed and related writings.

● **JWST 544 NACHMANIDES AS PARSHAN.** (3)

● **JWST 546 INNOVATIVE MEDIEVAL PARSHANUT.** (3)

● **JWST 548 MEDIEVAL PARSHANUT.** (3)

● **JWST 552 JUDAISM AND POVERTY.** (3) (Prerequisite: One course in Jewish Studies, Sociology or Social Work.)

● **JWST 554 MODERN JEWISH BIBLICAL SCHOLARSHIP.** (3)

- **JWST 556 MODERN PARSHANUT 1.** (3) (Not open to students who have taken JWST 560)
- JWST 558 TOPICS: MODERN JEWISH THOUGHT.** (3) Topic for 2002-03: The image of Moses in Modern Jewish Thought from Spinoza to Schoenberg.
- JWST 562 MEDIEVAL ISLAMIC AND JEWISH PHILOSOPHY.** (3)
  - **JWST 572 AGGADAH IN MODERN SCHOLARSHIP.** (3)
  - **JWST 573 HISTORY OF HEBREW BIBLE TEXT.** (3) (Not open to students who have taken JWST 507)
  - **JWST 574 BIBLE IN RESPONSA LITERATURE.** (3) (Requires Departmental approval)
  - **JWST 575 TOPICS IN PARSHANUT.** (3)
  - **JWST 576 JEWISH FAMILY LAW.** (3)
- JWST 581 ARAMAIC LANGUAGE.** (3) (Requires Departmental approval) (Not open to students who have taken JWST 506)
  - **JWST 585 TUTORIAL: EASTERN EUROPEAN STUDIES 1.** (3)
  - **JWST 586 TUTORIAL: EASTERN EUROPEAN STUDIES 2.** (3)
  - **JWST 587 TUTORIAL IN YIDDISH LITERATURE.** (3)
  - **JWST 588 TUTORIAL IN YIDDISH LITERATURE.** (3)
  - **JWST 589 TUTORIAL IN JEWISH LITERATURE.** (3)
  - **JWST 590 TUTORIAL IN JEWISH LITERATURE.** (3)
- JWST 601 M.A. THESIS 4: AREA II.** (3) Preparation and submission of an acceptable thesis.
- JWST 602 EAST EUROPEAN JEWISH HISTORY 1.** (3) (1500 - 1800) Studies on specific issues and problems related to the social and cultural history of the Jews in Eastern Europe.
- JWST 603 EAST EUROPEAN JEWISH HISTORY 2.** (3) (1500 - 1800) Studies on specific issues and problems related to the social and cultural history of the Jews in Eastern Europe.
  - **JWST 619 TOPICS IN LITERARY THEORY.** (3)
  - **JWST 621 ANCIENT BIBLE INTERPRETATION.** (3)
  - **JWST 631 EARLY RABBINIC PARSHANUT.** (3)
  - **JWST 641 MEDIEVAL BIBLE INTERPRETATION 1.** (3)
  - **JWST 651 MODERN PARSHANUT 2.** (3)
- JWST 661 STUDY OF A BIBLICAL CHARACTER.** (3) Advanced level seminar devoted to the evolving interpretation of one or more biblical characters as they appear in the Jewish and cognate interpretative literatures. Emphasis will be on the evolving nature of the interpretation in varied religious and intellectual contexts.
- JWST 663 INTERPRETATION OF A TORAH TEXT.** (3) The history of Jewish and cognate interpretation of one narrative, legal, or poetic text from the Pentateuch. Emphasis will be on the evolving nature of the interpretation in varied religious and intellectual contexts.
  - **JWST 664 INTERPRETATION IN THE PROPHETS.** (3)
  - **JWST 665 INTERPRETATION IN THE KETUVIM.** (3)
  - **JWST 671 JEWISH BIBLE INTERPRETATION 3.** (3)
- JWST 690 M.A. THESIS 1.** (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.
- JWST 691 M.A. THESIS 2.** (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.
- JWST 692 M.A. THESIS 3.** (12) Preparation of the thesis.
- JWST 694 M.A. THESIS 4: AREA I.** (3) A directed reading project devoted to the modern critical scholarship on one Biblical work.
- JWST 695 M.A. THESIS 1: AREA II.** (3) Bibliographical introduction to the field and preparation of a research proposal in East European Jewish Studies.

**JWST 696 M.A. THESIS 2: AREA II.** (6) Preparation of a research report and presentation of a research seminar in East European Jewish Studies.

**JWST 697 M.A. THESIS 3: AREA II.** (12) Preparation and submission of an acceptable thesis in East European Jewish Studies.

**JWST 699 RESEARCH IN JEWISH STUDIES.** (3) Practical problems and resources related to research and key theoretical debates in the field will be discussed.

- **JWST 721 ANCIENT BIBLE INTERPRETATION.** (3)

- **JWST 731 EARLY RABBINIC PARSHANUT 2.** (3)

- **JWST 741 MEDIEVAL BIBLE INTERPRETATION 2.** (3)

- **JWST 751 MODERN PARSHANUT 3.** (3)

- **JWST 766 INTERPRETATION OF A BIBLE TEXT.** (3)

- **JWST 771 JEWISH BIBLE INTERPRETATION 4.** (3)

- **JWST 791 COMPREHENSIVE EXAMINATION.** (3) (Not open to students who have taken JWST 701) (Ph.D. students only)

The following are also considered graduate courses in Jewish Studies.

**HIST 655 TUTORIAL.** (6)

**HIST 677D1 SEMINAR: EUROPEAN JEWISH HISTORY.** (3)

**HIST 677D2 SEMINAR: EUROPEAN JEWISH HISTORY.** (3)

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## 41 Kinesiology and Physical Education

Department of Kinesiology and Physical Education  
Sir Arthur Currie Memorial Gymnasium

475 Pine Avenue West  
Montreal, Quebec H2W 1S4

Telephone: (514) 398-4184

Fax: (514) 398-4186

Website: [http://www.education.mcgill.ca/phys\\_ed/default.html](http://www.education.mcgill.ca/phys_ed/default.html)

*Chair* — Dr. H el ene Perrault

*M.A. Program Director* — Dr. H el ene Perrault

Telephone: (514) 398-4184 (ext. 0477)

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### 41.1 Staff

#### *Professors*

David Montgomery; B.Sc.(Guelph), M.Sc., Ph.D.(Purdue)

H el ene Perrault; B.Sc.(C' dia), M.Sc., Ph.D.(Montr.)

Greg Reid; B.Ed.(P.E.)(McG.), M.S.(Calif.), Ph.D.(Penn. State)

A. Edward Wall; B.Ed., M.A.(McG.), Ph.D.(Alta.)

#### *Associate Professors*

Margaret J. Downey; B.Ed., M.A., Ph.D.(McG)

David J. Pearsall; B.A., BPHE, M.Sc., Ph.D.(Queen's)

Ren e A. Turcotte; H.B.P.H.E.(Lauren.), M.Sc., Ph.D.(Alta.)

#### *Assistant Professors*

Gordon Bloom; B.Ed.(W.Ont.), M.A.(York), Ph.D.(Ott.)

David J. Pearsall; B.A., BPHE, M.Sc., Ph.D.(Queen's)

Ren e A. Turcotte; H.B.P.H.E.(Lauren.), M.Sc., Ph.D.(Alta.)

#### *Associate Member*

Karen Johnston (*Neurology and Neurosurgery*)

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### 41.2 Programs Offered

The Kinesiology and Physical Education Department offers thesis and non-thesis options leading to an M.A. or an M.Sc. in Kinesiology and Physical Education. Graduate program of studies in the areas of Adapted Physical Activity, Psychology of Sport and Motor Behavior or Pedagogy lead to an M.A. while graduate program of studies in the areas of Exercise Physiology and Biomechanics lead to an M.Sc.

The M.A. or M.Sc. with thesis route provide the opportunity to acquire critical skills and knowledge related to systematic research in an area of specialization.

The M.A. or M.Sc. non-thesis route provides the opportunity for those interested in professional practice to acquire advanced knowledge in an area of specialization as well as some breadth.

Prospective applicants to the Ph.D. (*ad hoc*) program should contact the Department at (514) 398-4184.

### 41.3 Admission Requirements

1. An undergraduate degree with a Major in Kinesiology or in a related biological science or behavioral science or in Physical Education or equivalent from a recognized university is required.
2. A minimum academic standing equivalent to a CGPA of 3.0 out of 4.0.

### 41.4 Application Procedure

Applications will be considered upon receipt of:

1. application form,
2. official transcripts from previous undergraduate /graduate programs of study,
3. two letters of reference,
4. \$60.00 application fee,
5. TOEFL score (where applicable).

The deadlines for Canadians to submit applications are:

- Fall session – March 1
- Winter session – November 1

For International students, applications must be submitted at least six months prior to the official deadline indicated above.

All documentation is to be submitted directly to the Graduate Program Director in the Department of Kinesiology and Physical Education.

Commencing with applications for entry in January 2003, McGill's on-line application form will be available to all graduate program candidates at <http://www.mcgill.ca/applying/graduate>.

### 41.5 Program Requirements

**M.A. Kinesiology and Physical Education (Thesis Option)** (45 credits) Areas of concentration: Adapted Physical Activity, Psychology of Sport and Motor Behavior or Pedagogy

#### Required Courses (6 credits)

- EDKP 605 (3) Research Methods 1
- EDPE 676 (3) Intermediate Statistics 2 or equivalent

#### Complementary Courses (15 credits)

Students must take a minimum of 9 credits of coursework in a classroom setting in the area of concentration selected in consultation with the graduate student advisor.

- EDKP 504 (3) Health & Lifestyle Education
- EDKP 505 (3) Sport & Physical Education in Society
- EDKP 550 (3) Analyzing Instructional Behaviors
- EDKP 607 (3) Curriculum Innovation and Change
- EDKP 650 (3) Teaching in Physical Education
- EDKP 654 (3) Sport Psychology
- EDKP 655 (3) Program Development/Adapted Physical Activity
- EDKP 664 (3) Motor Learning
- EDKP 665 (3) Motor Performance of Disabled Persons
- EDKP 671 (3) Experimental Problems 1
- EDKP 672 (3) Experimental Problems 2
- EDKP 695 (3) Thesis Research 5 or complementary course
- EDKP 696 (3) Thesis Research 6 or complementary course

Students may also take courses from the Faculty of Education or the Faculty of Arts in consultation with an advisor (500-level or higher).

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

- EDKP 691 (6) Thesis Research 1
- EDKP 692 (6) Thesis Research 2
- EDKP 693 (6) Thesis Research 3
- EDKP 694 (6) Thesis Research 4

**M.A. Kinesiology and Physical Education (Non-thesis Option)** (45 credits) Areas of concentration: Adapted Physical Activity, Psychology of Sport and Motor Behavior or Pedagogy)

#### Project Component – Required (15 credits)

- EDKP 608 (15) Special Project

#### Complementary Courses (18 credits)

6 credits, two courses from the following list:

- EDPE 575 (3) Educational Measurement
- EDKP 605 (3) Research Methods 1
- EDSL 630 (3) Qualitative & Ethnographic Studies
- or EDEM 692 (3) Qualitative Research Methods

12 credits from the following list:

- EDKP 504 (3) Health & Lifestyle Education
- EDKP 505 (3) Sport & Physical Education in Society
- EDKP 550 (3) Analyzing Instructional Behaviors
- EDKP 607 (3) Curriculum Innovation and Change
- EDKP 650 (3) Teaching in Physical Education
- EDKP 654 (3) Sport Psychology
- EDKP 655 (3) Program Development/Adapted Physical Activity
- EDKP 664 (3) Motor Learning
- EDKP 665 (3) Motor Performance of Disabled Persons
- EDKP 671 (3) Experimental Problems 1
- EDKP 672 (3) Experimental Problems 2

Students may also take courses from the Faculty of Education or the Faculty of Arts in consultation with an advisor (500-level or higher).

#### Elective Courses (12 credits)

12 credits (normally four courses) chosen in consultation with an advisor (should be 500-level or higher).

**M.Sc. Kinesiology and Physical Education (Thesis Option)** (45 credits)

Areas of concentration: Exercise Physiology and Biomechanics

#### Required Courses (6 credits)

- EDKP 605 (3) Research Methods 1
- EDPE 676 (3) Intermediate Statistics 2 or equivalent

#### Complementary Courses (15 credits)

Students must take a minimum of 9 credits of coursework in a classroom setting in the area of concentration selected in consultation with the graduate student advisor.

- EDKP 553 (3) Physiological Assessment: Sport
- EDKP 566 (3) Biomechanical Assessment in Sport
- EDKP 652 (3) Cardiorespiratory Exercise Physiology
- EDKP 662 (3) Metabolic/Neuromuscular Responses to Exercise
- EDKP 663 (3) Application: Exercise Physiology to Sport
- EDKP 667 (3) Sport Science – Seminar
- EDKP 668 (3) Data Acquisition in Sport Science
- EDKP 671 (3) Experimental Problems 1
- EDKP 672 (3) Experimental Problems 2
- EDKP 695 (3) Thesis Research 5
- EDKP 696 (3) Thesis Research 6

Students may also take courses from the Faculty of Science chosen in consultation with advisor (500-level or higher) .

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

- EDKP 691 (6) Thesis Research 1
- EDKP 692 (6) Thesis Research 2
- EDKP 693 (6) Thesis Research 3
- EDKP 694 (6) Thesis Research 4

**M.Sc. Kinesiology and Physical Education (Non-thesis Option)** (45 credits)

Areas of concentration: Exercise Physiology and Biomechanics

#### Project Component – Required (15 credits)

- EDKP 608 (15) Special Project

#### Complementary Courses (18 credits)

6 credits, two courses from the following list:

- EDPE 575 (3) Educational Measurement

EDKP 605	(3)	Research Methods 1
EDSL 630	(3)	Qualitative & Ethnographic Studies
or EDEM 692	(3)	Qualitative Research Methods

12 credits chosen from the following:

EDKP 553	(3)	Physiological Assessment in Sport
EDKP 566	(3)	Biomechanical Assessment in Sport
EDKP 652	(3)	Cardiorespiratory Exercise Physiology
EDKP 662	(3)	Metabolic/Neuromuscular Responses to Exercise
EDKP 663	(3)	Application: Exercise Physiology to Sport
EDKP 667	(3)	Sport Science – Seminar
EDKP 668	(3)	Data Acquisition in Sport Science
EDKP 671	(3)	Experimental Problems 1
EDKP 672	(3)	Experimental Problems 2

Students may also take courses from the Faculty of Science in consultation with advisor.

#### Elective Courses (12 credits)

12 credits (normally four courses) chosen in consultation with an advisor.

### 41.6 Courses (EDKP)

**For the Term (Fall and/or Winter), days, and times when courses will be offered, please refer to the 2002-2003 Class Schedule on the Web, <http://www.mcgill.ca/minerva-students>. Class locations and names of instructors are also provided.**

**Students preparing to register are advised to consult the Class Schedule website for the most up-to-date list of courses available. New courses may have been added or courses rescheduled after this Calendar went to press.**

**The schedule of courses to be offered in Summer 2003, will be available on the website in January 2003.**

**Courses with numbers ending D1 and D2** are taught in two consecutive terms (most commonly Fall and Winter). Students must register for both the D1 and D2 components. No credit will be given unless both components (D1 and D2) are successfully completed in consecutive terms.

EDKP has replaced 434 as the prefix for Kinesiology and Physical Education courses.

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

- Denotes courses not offered in 2002-03

**EDKP 550 ANALYZING INSTRUCTIONAL BEHAVIORS.** (3) Students will investigate generic and specialized data collection instruments used in the supervision of and research into teaching and coaching. Practical experience will include the selection and use of appropriate tools, establishment of observer reliability, critical analysis of observational systems, and application of systematic observation to pertinent research questions.

**EDKP 553 PHYSIOLOGICAL ASSESSMENT: SPORT.** (3) Various modes and protocols to evaluate the physical fitness of athletes will be examined. Students will design testing programs for athletes in specific sports.

**EDKP 566 BIOMEDICAL ASSESSMENT IN SPORT.** (3) Various equipment and protocols will be used to evaluate the biomechanics of skilled movement patterns. Kinematic, kinetic, and electromyographic data will be collected, processed and interpreted to identify optimal performance features related to equipment design and individual technique. Each student will be required to complete a series of research projects and literature summaries.

**EDKP 603D1 INDIVIDUAL READING COURSE.** (3)

**EDKP 603D2 INDIVIDUAL READING COURSE.** (3)

**EDKP 605 RESEARCH METHODS 1.** (3) The course will examine the nomenclature, structure, methods and areas of quantitative and qualitative research in Physical Education. Students will be required to evaluate research concepts and examine their relationship to statistical design. Activities will focus on data retrieval, research problems, proposals, data collection and report of findings.

- **EDKP 607 CURRICULUM INNOVATION AND CHANGE.** (3)

**EDKP 608 SPECIAL PROJECT.** (15) The development of a substantive written document which depicts an investigation or application of a physical education problem, issue or innovative practice. The monograph is to be presented to the candidate's advisor after satisfactory completion of the required course work.

**EDKP 616 INDIVIDUAL READING COURSE.** (3) Reading Course.

- **EDKP 650 TEACHING IN PHYSICAL EDUCATION.** (3)

**EDKP 652 CARDIO - RESPIRATORY EXERCISE PHYSIOLOGY.** (3) A comprehensive review of the basic physiological responses of the circulatory and respiratory systems to acute and chronic exercise and a brief discussion of regulatory mechanisms.

**EDKP 654 SPORT PSYCHOLOGY.** (3) The psychological factors and personality characteristics that influence diverse aspects of sport and physical activity. Seminars focus on discussions/presentations of theory, psychometrics and application of psychological principles to behavior in sport.

**EDKP 655 PROGRAM DEVELOPMENT/ADAPTED PHYSICAL ACTIVITY.** (3) An examination of program development and evaluation in adapted physical activity along the segregated-integration continuum. Assessment techniques for persons who are disabled, pedagogical considerations and evaluation via single-subject designs. Existing curriculum models and the program development literature within selected special populations are studied.

**EDKP 662 METABOLIC/NEUROMUSCULAR RESPONSES TO EXERCISE.** (3) A comprehensive theoretical understanding of the basic physiological adaptations to acute and chronic exercise in terms of metabolic pathways and fuel utilization as well as neuromuscular responses. Discussion of current concepts of regulating factors will be discussed.

- **EDKP 663 APPLICATION: EXERCISE PHYSIOLOGY TO SPORT.** (3)

- **EDKP 664 MOTOR LEARNING.** (3)

**EDKP 665 MOTOR PERFORMANCE OF DISABLED PERSONS.** (3) An examination of the factors which determine the motor performance and learning of individuals who are disabled. Topics include: anthropometric characteristics; information processing; knowledge, strategies and metacognition; motor control from the ecological psychology perspective; and personality and motivational determinants.

- **EDKP 667 SPORT SCIENCE - SEMINAR.** (3)

- **EDKP 668 DATA ACQUISITION IN SPORTS SCIENCE.** (3)

**EDKP 671 EXPERIMENTAL PROBLEMS.** (3) Study in one area of: ergo-physiology or biomechanics or psychology of motor performance or motor performance for exceptional children. To provide an opportunity to conduct a research project and develop an awareness of the problems involved in the area of concentration under departmental supervision.

**EDKP 672 EXPERIMENTAL PROBLEMS.** (6) See EDKP 671. This course, however, is more intensive and comprehensive in nature. **May also be available as: EDKP 672D1, EDKP 672D2**

**EDKP 691 THESIS RESEARCH 1.** (6) A comprehensive literature review in the general area of the thesis topic. Independent work under the supervision of the thesis advisor(s). **May also be available as: EDKP 691D1, EDKP 691D2**

**EDKP 692 THESIS RESEARCH 2.** (6) Independent work under the supervision of the thesis advisor(s) culminating with a written proposal and oral seminar explaining the direction of the thesis research. **May also be available as: EDKP 692D1, EDKP 692D2**

**EDKP 693 THESIS RESEARCH 3.** (6) Ongoing research pertaining to the thesis under the direction of the thesis advisor(s). **May also be available as: EDKP 693D1, EDKP 693D2**

**EDKP 694 THESIS RESEARCH 4.** (6) Independent work under the supervision of the thesis advisor(s). Final submission and approval of the thesis. **May also be available as: EDKP 694D1, EDKP 694D2**

- **EDKP 695 THESIS RESEARCH 5.** (3)

- **EDKP 696 THESIS RESEARCH 6.** (3)