



(07/2004)

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| <p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>Ph.D.</p> | <p>2.0 Administering Faculty/Unit</p> <p>Graduate and Postdoctoral Studies</p> |
| <p>1.1 Major (Legacy= Subject)(30-char. max.)</p> <p>Epidemiology</p> | <p>Offering Faculty/Department</p> <p>Medicine/Epidemiology and Biostatistics</p> |
| <p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p>Population Dynamics</p> | <p>3.0 Effective Term of Implementation (Ex. Sept. 2004 = 200409) Term</p> <p>201409</p> |
| <p>1.3 Minor (with Concentration, if Applicable) (30 char. max.)</p> <p></p> | |

4.0 Rationale for new proposal

McGill has recently created a Centre on Population Dynamics (CPD) which spans the Faculties of Arts and Medicine and includes the departments of Sociology, Economics, and Epidemiology, Biostatistics, and Occupational Health. Currently, CPD has 26 affiliated faculty members and 20 graduate student trainees currently working in the area of population dynamics. Researchers in CPD have well-established international reputations and are recognised as leaders among their peers in their fields. Creating an option in Population Dynamics will provide more structured training opportunities for our current graduate students and also will attract new graduate students to establish McGill as a world class institution where research on Population Dynamics is conducted.

5.0 Program Information
Please check appropriate box(es)

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| <p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc. (Applied) Program</p> <p><input type="checkbox"/> Dual Degree/Concurrent Program</p> <p><input type="checkbox"/> Certificate</p> <p><input type="checkbox"/> Diploma</p> <p><input type="checkbox"/> Graduate Certificate</p> <p><input type="checkbox"/> Graduate Diploma</p> <p><input checked="" type="checkbox"/> Ph.D. Program</p> <p><input type="checkbox"/> Doctorate Program (Other than Ph.D.)</p> <p><input type="checkbox"/> Private Program</p> <p><input type="checkbox"/> Off-Campus Program</p> <p><input type="checkbox"/> Distance Education Program (By Correspondence)</p> <p><input type="checkbox"/> Other (Please specify)</p> <p></p> | <p>5.2 Category</p> <p><input type="checkbox"/> Faculty Program (FP)</p> <p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Joint Major</p> <p><input type="checkbox"/> Major Concentration (CON)</p> <p><input type="checkbox"/> Minor</p> <p><input type="checkbox"/> Minor Concentration (CON)</p> <p><input type="checkbox"/> Honours (HON)</p> <p><input type="checkbox"/> Joint Honours Component (HC)</p> <p><input type="checkbox"/> Internship/Co-op</p> <p><input checked="" type="checkbox"/> Thesis (T)</p> <p><input type="checkbox"/> Non-Thesis (N)</p> <p><input type="checkbox"/> Other (Please specify)</p> <p></p> | <p>5.3 Level</p> <p><input type="checkbox"/> Undergraduate</p> <p><input type="checkbox"/> Dentistry/Law/Medicine</p> <p><input type="checkbox"/> Continuing Ed (Non-Credit)</p> <p><input type="checkbox"/> Collegial</p> <p><input type="checkbox"/> Masters & Grad Dips & Certs</p> <p><input checked="" type="checkbox"/> Doctorate</p> <p><input type="checkbox"/> Post-Graduate Medicine/Dentistry</p> <p><input type="checkbox"/> Graduate Qualifying</p> <p><input type="checkbox"/> Postdoctoral Fellows</p> |
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| <p>6.0 Total Credits</p> <p>0</p> | <p>7.0 Consultation with Related Units Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Financial Consult Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Attach list of consultations.</p> |
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8.0 Program Description (Maximum 150 words)

The Population Dynamics Option (PDO) is open to students in the Ph.D. in Epidemiology program in the Department of Epidemiology, Biostatistics, and Occupational Health specializing in Population Dynamics. The purpose of this program is to provide graduate training in demographic methods (including life table analyses) and enhance students' knowledge of critical population issues. Students will be required to take a course on demographic methods and an overview substantive course on the key population issues facing societies today. In addition, students will take one complementary course from in Sociology, Economics, or Epidemiology, Biostatistics, and Occupational Health, which focuses on a particular population issue such as population health, migration, aging, family dynamics, and labor markets and skills acquisition. Students will attend at least five of the seminars given the Social Statistics and Population Dynamics Seminar series. Research topics must be related to population dynamics and approved by the PDO coordinating committee.

9.0 List of proposed program for the New Program/Major or Minor/Concentration.

If new concentration (option) of existing Major/Minor (program), please attach a program layout (list of all courses) of existing Major/Minor.

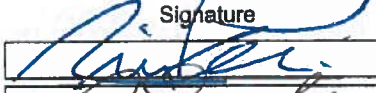


Proposed program (list courses as follows: Subj Code/Crse Num, Title, Credit weight under the headings of: Required Courses, Complementary Courses, Elective Courses)

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| <p>Existing Ph.D. Required Courses (12 credits)</p> <p>EPIB 608 Advanced Epidemiology (3) EPIB 609 Seminar on Advanced Methods in Epidemiology (3) EPIB 610 Advanced Methods: Causal Inference (3) EPIB 623 Research Design in Health Sciences (3) EPIB 701 Ph.D. Comprehensive Examination (0) EPIB 702 Ph.D. Proposal (0)</p> <p>Complementary Courses (12-34 credits)</p> <p>0-22 credits* from the following:</p> <p>EPIB 601 Fundamentals of Epidemiology (4) EPIB 602 Foundations of Population Health (3) EPIB 603 Intermediate Epidemiology (4) EPIB 605 Critical Appraisal in Epidemiology (1) EPIB 607 Inferential Statistics (4) EPIB 613 Introduction to Statistical Software (1) EPIB 614 Basics of Measurement in Epidemiology (1) EPIB 621 Data Analysis in Health Sciences (4)</p> <p>* Note: If a student has not already successfully completed them or their equivalent.</p> <p>12 credits of coursework, at the 500 level or higher, of which a minimum of 3 credits in ethics (medical/public health/research), 3 credits in biostatistics, 3 credits in substantive topic, and 3 credits in epidemiology. Courses must be chosen and approved in consultation with the program's academic adviser.</p> | <p>Proposed Ph.D. Required Courses (21 credits)</p> <p>EPIB 604 Epidemiologic Analysis (3) EPIB 608 Advanced Epidemiology (3) EPIB 609 Seminar on Advanced Methods in Epidemiology (3) EPIB 610 Advanced Methods: Causal Inference (3) EPIB 623 Research Design in Health Sciences (3) EPIB 701 Ph.D. Comprehensive Examination (0) EPIB 702 Ph.D. Proposal (0) SOCL 545 Sociology of Population (3) SOCL 626 Demographic Methods (3)</p> <p>Complementary Courses (12-34 credits)</p> <p>0-22 credits* from the following:</p> <p>EPIB 601 Fundamentals of Epidemiology (4) EPIB 602 Foundations of Population Health (3) EPIB 603 Intermediate Epidemiology (4) EPIB 605 Critical Appraisal in Epidemiology (1) EPIB 607 Inferential Statistics (4) EPIB 613 Introduction to Statistical Software (1) EPIB 614 Basics of Measurement in Epidemiology (1) EPIB 621 Data Analysis in Health Sciences (4)</p> <p>* Note: If a student has not already successfully completed them or their equivalent.</p> <p>12 credits of coursework, at the 500 level or higher, of which a minimum of 3 credits in ethics (medical/public health/research), 3 credits in biostatistics, 3 credits in epidemiology and 3 credits from courses approved for the Population Dynamics Option from the list below:</p> <p>ECON 622 Public Finance (3) ECON 634 Economic Development 3 (3) ECON 641 Labour Economics (3) ECON 734 Economic Development 4 (3) ECON 741 Advanced Labour Economics (3) ECON 742 Empirical Microeconomics (3) ECON 744 Health Economics (3)</p> |
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9.0 List of proposed program for the New Program/Major or Minor/Concentration. (continued)

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| <p>3 Dec Soc</p> <p>3 Dec Soc</p> | <p>EPIB 525 Health Care Systems in Comparative Perspective (3) EPIB 527 Economics for Health Services Research and Policy (3) EPIB 528 Economic Evaluation of Health Programs (3) EPIB 529 Global Environmental Health & Burden of Disease (3) EPIB 615 Introduction to Infectious Disease Epidemiology (3) EPIB 648 Methods in Social Epidemiology (3) EPIB 681 Global Health: Epidemiological Research (3) SOCI 512 Ethnicity & Public Policy (3) SOCI 513 Social Aspects HIV/AIDS in Africa (3) SOCI 520 Migration and Immigrant Groups (3) SOCI 525 Health Care Systems in Comparative Perspective (3) SOCI 535 Sociology of the Family (3) SOCI 588 Biosociology/Biodemography (3)</p> <p>Courses must be chosen and approved in consultation with the program's academic adviser.</p> |
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10.0 Approvals

| Routing Sequence | Name | Signature | Date |
|-----------------------|-----------------------|--|--------------|
| Department | Gilles Paradis, Chair |  | Oct 29, 2013 |
| Curric/Acad Committee | Dr David Ragsdale |  | 3 Dec 2013 |
| Faculty 1 | Dr Elaine Davis |  | 3 Dec 2013 |
| Faculty 2 | | | |
| Faculty 3 | | | |
| SCTP | | | |
| GS | | | |
| APPC | | | |
| Senate | | | |

Submitted by

Name: André Yves Gagnon

Phone: 1812

Email: gradadmin.eboh@mcgill.ca

Submission Date: 30 October 2013

To be completed by ARR:

CIP Code

CONSULTATION REPORT FORM**DATE:** 29 October 2013**TO:** Céline Le Bourdais, Chair
Sociology**FROM:** Gilles Paradis, Chair
Epidemiology, Biostatistics and Occupational Health**The attached proposal has been submitted to the Curriculum/Academic Committee, and it has been decided that your department should be consulted.****Course Subject Code#, Title, Credit Weight:**

SOCI 545 Sociology of Population (3)
 SOCI 626 Demographic Methods (3)
 SOCI 512 Ethnicity & Public Policy (3)
 SOCI 513 Social Aspects HIV/AIDS in Africa (3)
 SOCI 520 Migration and Immigrant Groups (3)
 SOCI 525 Health Care Systems in Comparative Perspective (3)
 SOCI 535 Sociology of the Family (3)
 SOCI 588 Biosociology/Biodemography (3)

Would you be good enough to review this proposal and let me know as soon as possible, on this form, whether or not your department has any objections to, or comments regarding, the proposal.**NO OBJECTIONS****SOME OBJECTIONS****COMMENTS:**


Signature:

29 Oct 2013
Date:

CONSULTATION REPORT FORM**DATE:** 29 October 2013**TO:** John Galbraith, Chair
Economics**FROM:** Gilles Paradis, Chair
Epidemiology, Biostatistics and Occupational Health

The attached proposal has been submitted to the Curriculum/Academic Committee, and it has been decided that your department should be consulted.

Course Subject Code#, Title, Credit Weight:

ECON 622 Public Finance (3)
ECON 634 Economic Development 3 (3)
ECON 641 Labour Economics (3)
ECON 734 Economic Development 4 (3)
ECON 741 Advanced Labour Economics (3)
ECON 742 Empirical Microeconomics (3)
ECON 744 Health Economics (3)

Would you be good enough to review this proposal and let me know as soon as possible, on this form, whether or not your department has any objections to, or comments regarding, the proposal.

 NO OBJECTIONS **SOME OBJECTIONS****COMMENTS:****Signature:****Date:**29 Oct
2013