



## New Program/Major or Minor/Concentration Proposal Form

(07/2004)

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

**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)

<b>5.1 Program Type</b> <input type="checkbox"/> Bachelor's Program <input checked="" type="checkbox"/> Master's <input type="checkbox"/> M.Sc. (Applied) Program <input type="checkbox"/> Dual Degree/Concurrent Program <input type="checkbox"/> Certificate <input type="checkbox"/> Diploma <input type="checkbox"/> Graduate Certificate <input type="checkbox"/> Graduate Diploma <input type="checkbox"/> Ph.D. Program <input type="checkbox"/> Doctorate Program (Other than Ph.D.) <input type="checkbox"/> Private Program <input type="checkbox"/> Off-Campus Program <input type="checkbox"/> Distance Education Program (By Correspondence) <input type="checkbox"/> Other (Please specify) <input type="text"/>	<b>5.2 Category</b> <input type="checkbox"/> Faculty Program (FP) <input type="checkbox"/> Major <input type="checkbox"/> Joint Major <input type="checkbox"/> Major Concentration (CON) <input type="checkbox"/> Minor <input type="checkbox"/> Minor Concentration (CON) <input type="checkbox"/> Honours (HON) <input type="checkbox"/> Joint Honours Component (HC) <input type="checkbox"/> Internship/Co-op <input type="checkbox"/> Thesis (T) <input checked="" type="checkbox"/> Non-Thesis (N) <input type="checkbox"/> Other (Please specify) <input type="text"/>	<b>5.3 Level</b> <input type="checkbox"/> Undergraduate <input type="checkbox"/> Dentistry/Law/Medicine <input type="checkbox"/> Continuing Ed (Non-Credit) <input type="checkbox"/> Collegial <input checked="" type="checkbox"/> Masters & Grad Dips & Certs <input type="checkbox"/> Doctorate <input type="checkbox"/> Post-Graduate Medicine/Dentistry <input type="checkbox"/> Graduate Qualifying <input type="checkbox"/> Postdoctoral Fellows
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<b>6.0 Total Credits</b> <input type="text" value="60"/>	<b>7.0 Consultation with Related Units</b> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <b>Financial Consult</b> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Attach list of consultations.
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**8.0 Program Description (Maximum 150 words)**

The Population Dynamics Option (PDO) is open to students in the MSc. in Public Health 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 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. Practicum 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)

**Existing M.Sc. in Public Health (60 credits)****Required courses (39 credits)**

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 612 Principles of Public Health Practice (3)  
 EPIB 613 Introduction to Statistical Software (1)  
 EPIB 614 Basics of Measurement in Epidemiology (1)  
 EPIB 621 Data Analysis in Health Sciences (4)  
 EPIB 630 Public Health Project (14)

**Complementary Courses (21 credits)**

13 credits of course work, at the 500-level or higher, with a minimum of 2 credits chosen from each of the following fields:

environmental health sciences;  
 health services research policy and management;  
 population and public health interventions (social and behavioral science);  
 epidemiology in practice or field epidemiology

Courses must be approved by the program's academic advisor  
 8 credits of course, at the 500-level or higher, chosen in consultation with the program's academic advisor.

**Proposed M.Sc. in Public Health (60 credits)****Required courses (45 credits)**

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 612 Principles of Public Health Practice (3)  
 EPIB 613 Introduction to Statistical Software (1)  
 EPIB 614 Basics of Measurement in Epidemiology (1)  
 EPIB 621 Data Analysis in Health Sciences (4)  
 EPIB 630 Public Health Project (14)  
 SOCI 545 Sociology of Population (3)  
 SOCI 626 Demographic Methods (3)

**Complementary Courses (15 credits)**

12 credits of course work, at the 500-level or higher, with a minimum of 2 credits chosen from each of the following fields:

environmental health sciences;  
 health services research policy and management;  
 population and public health interventions (social and behavioral science);  
 epidemiology in practice or field epidemiology

Courses must be approved by the program's academic advisor

3 credits of coursework at the 500-level or higher from this list of courses approved for the Population Dynamics Option that have not been taken to satisfy other program requirements:

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)




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

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

<p>8.105 550 8</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 and 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)  SOC1 512 Ethnicity &amp; Public Policy (3)  SOC1 513 Social Aspects HIV/AIDS in Africa (3)  SOC1 520 Migration and Immigrant Groups (3)  SOC1 525 Health Care Systems in Comparative Perspective (3)  SOC1 535 Sociology of the Family (3)  SOC1 588 Biosociology/Biodemography (3)</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

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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:**

  
**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)

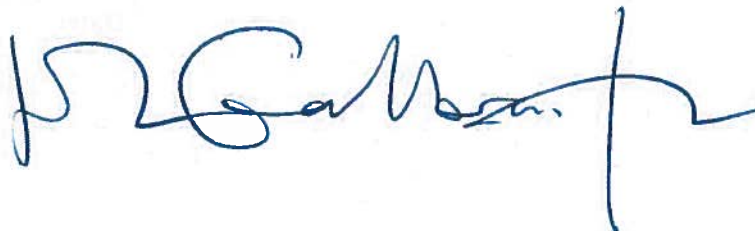
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**NO OBJECTIONS**

**SOME OBJECTIONS**

**COMMENTS:**

**Signature:**



**Date:**

29 Oct  
2013