



McGill

New Program/Major or Minor/Concentration Proposal Form

(07/2004)

<p>1.0 Degree Title Please specify the two degrees for concurrent degree programs</p> <p>M.A.</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>Economics</p>	<p>Offering Faculty/Department</p> <p>Arts / Economics</p>
<p>1.2 Concentration (Legacy = Concentration/Option) If applicable to Majors only (30 char. max.)</p> <p>Non-Thesis – 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 trainees 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)

<p>5.1 Program Type</p> <p><input type="checkbox"/> Bachelor's Program</p> <p><input checked="" type="checkbox"/> Master's</p> <p><input type="checkbox"/> M.Sc. (Applied) Program</p> <p>Dual Degree/Concurrent Program</p> <p>Certificate</p> <p>Diploma</p> <p>Graduate Certificate</p> <p>Graduate Diploma</p> <p>Ph.D. Program</p> <p>Doctorate Program (Other than Ph.D.)</p> <p>Private Program</p> <p>Off-Campus Program</p> <p>Distance Education Program (By Correspondence)</p> <p>Other (Please specify)</p>	<p>5.2 Category</p> <p>Faculty Program (FP)</p> <p>Major</p> <p>Joint Major</p> <p>Major Concentration (CON)</p> <p>Minor</p> <p>Minor Concentration (CON)</p> <p>Honours (HON)</p> <p>Joint Honours Component (HC)</p> <p>Internship/Co-op</p> <p>Thesis (T)</p> <p><input checked="" type="checkbox"/> Non-Thesis (N)</p> <p>Other</p> <p>Please specify</p> <p></p>	<p>5.3 Level</p> <p>Undergraduate</p> <p>Dentistry/Law/Medicine</p> <p>Continuing Ed (Non-Credit)</p> <p>Collegial</p> <p><input checked="" type="checkbox"/> Masters & Grad Dips & Certs</p> <p>Doctorate</p> <p>Post-Graduate Medicine/Dentistry</p> <p>Graduate Qualifying</p> <p>Postdoctoral Fellows</p>
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<p>6.0 Total Credits</p> <p>45</p>	<p>7.0 Consultation with Related Units Yes <input checked="" type="checkbox"/> No</p> <p>Financial Consult Yes No</p> <p>Attach list of consultations.</p>
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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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8.0 Program Description (Maximum 150 words)

The Population Dynamics Option (PDO) is open to M.A. (non-thesis) students in Economics 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. As such, students will be required to take a course on demographic methods and a course in microeconomic methods relevant for population studies. In addition, students will take one complementary course in Economics 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)

See next page.

Attach extra page(s) as needed

<p>EXISTING PROGRAM: Master of Arts (M. A.) IN Economics; Non-Thesis (45 credits)</p> <p>REQUIRED COURSES (9 credits) ECON 610 Microeconomic Theory I (3) ECON 620 Macroeconomic Theory I (3) ECON 654 Research Methods in Economics (3)</p> <p>Research Project Courses (18credits): ECON 650 Research 1(3) ECON 651 Research 2 (3) ECON 680 M.A. Report 1(3) ECON 681 M.A. Report 2 (3) ECON 682 M.A. Report 3 (3) ECON 683 M.A. Report 4 (3)</p> <p>COMPLEMENTARY COURSES (18 credits) Must include either: ECON 662D1/D2 Econometrics (6) ECON 665 Quantitative Methods (3)</p> <p>Additional courses at the 500, 600, or 700 level, as determined by the student's area of study, 2 in the same/approved field.</p>	<p>PROPOSED: Master of Arts (M. A.) IN Economics; Non-Thesis – POPULATION DYNAMICS (45 credits)</p> <p>REQUIRED COURSES (30 credits) ECON 610 Microeconomic Theory I (3) ECON 620 Macroeconomic Theory I (3) ECON 742 Empirical Microeconomics (3) SOC1 626 Demographic Methods (3)</p> <p>Research Project Courses: ECON 650 Research 1 (3) ECON 651 Research 2 (3) ECON 680 M.A. Report 1 (3) ECON 681 M.A. Report 2 (3) ECON 682 M.A. Report 3 (3) ECON 683 M.A. Report 4 (3)</p> <p>COMPLEMENTARY COURSES (15 credits) 3-6 CREDITS FROM THE FOLLOWING: ECON 662D1/D2 Econometrics (6) OR ECON 665 Quantitative Methods (3)</p> <p>Population Dynamics 3 CREDITS FROM THE FOLLOWING: 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 744 Health Economics (3)</p> <p>6-9 credits of additional approved complementary courses at the 500 level or higher, two courses in the same/approved field ECON 510 Experimental Economics (3) ECON 525 Project Analysis (3) ECON 531 Historical Experience of Economic Development (3) ECON 546 Game Theory (3) ECON 577 Mathematical Economics 1 (3) ECON 611 Microeconomic Theory 2 (3) ECON 621 Macroeconomic Theory 2 (3) ECON 622 Public Finance (3) ECON 623 Money and Banking (3) ECON 624 International Economics (3) ECON 625 Economics of Natural Resources (3) ECON 634 Economic Development 3 (3) ECON 637 Industrial Organization and Regulation (3) ECON 641 Labour Economics (3) ECON 647 Applied Computational Economics (3) ECON 654 Research Methods in Economics (3) ECON 688 Seminar on Social Statistics (3) ECON 706 Selected Topics (3) ECON 710 Selected Topics in Economics (3) ECON 720 Advanced Game Theory (3) ECON 721 Advanced Monetary Theory (3) ECON 724 International Economics (3) ECON 726 Topics in Environmental Economics (3) ECON 734 Economic Development 4 (3) ECON 737 Industrial Organization and Regulation Seminar (3) ECON 741 Advanced Labour Economics (3) ECON 744 Health Economics (3) ECON 752 Topics in Financial Economics (3) ECON 761 Econometrics: Time Series Analysis (3) ECON 762 Econometrics – Asymptotic and Finite -Sample (3) ECON 763 Financial Econometrics (3) ECON 765 Models for Financial Economics (3)</p> <p>Courses may not be double-counted for both the Population Dynamics complementary courses and the other complementary courses.</p>
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M.A. Economics, Non-Thesis - Population Dynamics

10.0 Approvals			
Routing Sequence	Name	Signature	Date
Department	J. Galbraith	<i>J. Galbraith</i>	23 Oct 2013
Curric/Assess Committee	Susan Sharpe	<i>Susan Sharpe</i>	NOV 11 2013
Faculty 1	Susan Sharpe	<i>Susan Sharpe</i>	NOV 29 2013
Faculty 2	SCTP APPROVED		
Faculty 3			
SCTP			Dec. 5, 2013
GS			
APPC			
Senate			

Submitted by		To be completed by ARR:
Name	Erin Strumpf	
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Email	Erin.strumpf@mcgill.ca	
Submission Date	October 21, 2013	



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October 25, 2013

To Whom It May Concern:

Over the last year, the Centre on Population Dynamics has been working to develop the Population Dynamics Option (PDO). This is a cross-disciplinary graduate program offered as an option within 5 existing Master's and doctoral programs in the departments of Sociology, Economics, and Epidemiology, Biostatistics, and Occupational Health (EBOH). The 5 programs are:

- M.A.(non-thesis) in Sociology
- Ph.D. in Sociology
- M.A. (non-thesis) in Economics
- M.Sc. in Public Health
- Ph.D. in Epidemiology

Students enter through one of the participating departments and must meet the Master's or Ph.D. requirements of that unit.

In addition, graduate students in Sociology and EBOH will take two required courses in Sociology (SOCI 626: Demographic Methods and SOCI 545: Sociology of Population) and one course from the following approved list of courses in Sociology, Economics, or EBOH.

Sociology

SOCI 512:	Ethnicity & Public Policy	3 Credits
SOCI 513:	Social Aspects HIV/AIDS in Africa	3 Credits
SOCI 520:	Migration and Immigrant Groups	3 Credits
SOCI 525:	Health Care Systems in Comparative Perspective	3 Credits
SOCI 535:	Sociology of the Family	3 Credits
SOCI 588:	Biosociology/Biodemography	3 Credits

Economics

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

Epidemiology, Biostatistics, and Occupational Health

EPIB 501:	Population Health and Epidemiology	3 Credits
EPIB 525:	Health Care Systems in Comparative Perspective	3 Credits
EPIB 527:	Economics for Health Services Research and Policy	3 Credits
EPIB 528:	Economic Evaluation of Health Programs	3 Credits
EPIB 615:	Introduction to Infectious Disease Epidemiology	3 Credits
EPIB 648:	Methods in Social Epidemiology	3 Credits
EPIB 675:	Global Environmental Health and Burden of Disease	3 Credits
EPIB 681:	Global Health: Epidemiological Research	3 Credits

Note: Only students outside of EBOH are eligible to take EPIB 501: Population Health and Epidemiology

Graduate students in the M.A. (non-thesis) program in Economics are unable to take more than 3 credits outside of the department of Economics. Thus, they will take one required course in Sociology (SOCI 626: Demographic Methods) and a required course in microeconomics relevant for population studies (ECON 742: Empirical Microeconomics). In addition, they will take one course from the approved list of population dynamic courses in Economics.

ECON 622:	Public Finance	3 Credits
ECON 634:	Economic Development 3	3 Credits
ECON 641:	Labour Economics	3 Credits
ECON 734:	Economic Development 4	3 Credits
ECON 741:	Advanced Labour Economics	3 Credits
ECON 744:	Health Economics	3 Credits

Students taking this option must also attend at least five of the talks given in the Social Statistics and Population Dynamics Seminar. Lastly, Dissertations (for Ph.D. students) and Research Projects (for Master's students) must be on a topic relating to population dynamics, approved by the PDO coordinating committee.

Sincerely,



Shelley Clark
 Director, Centre on Population Dynamics
 Associate Professor, Sociology