

# ECONOMICS (NON-THESIS): POPULATION DYNAMICS (M.A.) (45 CREDITS)

**Offered by:** Economics (Faculty of Arts)

**Degree:** Master of Arts

**Program credit weight:** 45

## Program Description

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 labour markets and skills acquisition. Students will attend at least five of the seminars given in the Social Statistics and Population Dynamics Seminar series. Research topics must be related to population dynamics and approved by the PDO coordinating committee.

**Note:** For information about Fall 2025 and Winter 2026 course offerings, please check back on May 8, 2025. Until then, the "Terms offered" field will appear blank for most courses while the class schedule is being finalized.

## Research Project (18 credits)

Expand allContract all

Course	Title	Credits
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

## Required Courses (21 credits)

Expand allContract all

Course	Title	Credits
ECON 610	Microeconomic Theory 1.	3
ECON 620	Macroeconomic Theory 1.	3
ECON 661	Applied Time-Series and Forecasting.	3
ECON 664	Applied Cross-Sectional Methods.	3
ECON 665	Quantitative Methods.	3
ECON 742	Empirical Microeconomics.	3
SOCI 626	Demographic Methods.	3

## Complementary Courses (6 credits)

3 credits related to population dynamics course from the following:

Expand allContract all

Course	Title	Credits
ECON 634	Economic Development 3.	3
ECON 641	Labour Economics.	3
ECON 734	Economic Development 4.	3
ECON 744	Health Economics.	3
SOCI 502	Sociology of Fertility.	3

3 credits from the following (a course in the same/approved field, chosen in consultation with the student's supervisor):

Expand allContract all

Course	Title	Credits
ECON 510	Experimental Economics.	3
ECON 525	Project Analysis.	3
ECON 531	Historical Experience of Economic Development.	3
ECON 546	Game Theory.	3
ECON 611	Microeconomic Theory 2.	3
ECON 621	Macroeconomic Theory 2.	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 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

2 Economics (Non-Thesis): Population Dynamics (M.A.) (45 credits)

Courses may not be double counted for both the Population Dynamics complementary course and other complementary courses.