

# MASTER OF ARTS APPLIED ECONOMICS (GECON)

May 12, 2025

**Graduate Program Committee Chair:** M. O'Gorman; **Professors:** S. Baksi, P. Cyrenne, H. Grant, M. O'Gorman, M. Pandey, A. Ray Chaudhuri; **Associate Professors:** L. Clair, S. Dodds, J. Townsend, J. Zhou; **Assistant Professor:** Y. Wang; Y. Shi;  
**Instructor:** D. Ng

## DEGREES/PROGRAMS OFFERED: MA

The Master of Arts in Applied Economics (MAE) provides an opportunity for students to acquire competency in economic analysis, and to apply this knowledge either to the sub-fields of environmental and development economics, or to the analysis of contemporary economic policy. This program draws on the core strengths of the Department of Economics in the areas of environmental/development economics and a wide range of applied economics fields. This program will train highly-qualified students to master the use of modern analytical tools and to apply them to issues of regulation, health care, environmental policy, natural resource extraction, housing, poverty, labour issues and finance. This degree will prepare students for either further graduate studies or for employment in the public or private sector.

Graduates of the MAE program will study advanced microeconomics and macroeconomics, and will learn rigorous quantitative methods of analysis. Students also have the option of completing a research project as part of their degree program, and can introduce an interdisciplinary aspect into their studies by taking complementary elective courses from elsewhere in the University. Further information on the MAE program may be found at [www.uwinnipeg.ca/MAE](http://www.uwinnipeg.ca/MAE)

## REQUIREMENTS FOR AN MA IN APPLIED ECONOMICS

### ADMISSION REQUIREMENT

Students must hold, or reasonably expect to hold by the time of entry into the program, an Honours Bachelor's degree. The minimum acceptable CGPA (Cumulative Grade Point Average) is 3.0 out of a possible 4.5, equivalent to "B" on a letter grade scale. The Department of Economics will assess degrees earned outside Canada to determine their equivalency.

An Honours BA in Economics with a strong quantitative background is the normal prerequisite for admission to the MA program. Applicants with high standing in another undergraduate discipline may also be eligible for admission, provided that they have adequate preparation in Economics. Applicants without sufficient background in Economics may be admitted to a Qualifying Year of the program.

The Graduate Record Examination (General Test) is recommended for students who do not have an undergraduate or graduate degree from a Canadian university.

Information on the University of Winnipeg's English Language Proficiency requirements can be found here:  
<http://www.uwinnipeg.ca/future-student/international/lang-req.html>

### APPLICATION DEADLINE AND PROCEDURE

The deadline for applications is February 1st. The online application may be found at:  
<https://oa2.uwinnipeg.ca/OnlineAdmissions/Account/Login?ReturnUrl=%2fOnlineAdmissions>

### PROGRAM REQUIREMENTS

Students must complete a total of 24 credit hours to graduate from the program. All students must complete the 5 Core courses listed below (for 12 credit hours total). There are then two possible streams, the first focusing on the sub-fields of environmental/natural resource economics and development economics, and the second focusing on a range of applied fields such as health economics, finance, regulation, etc., both requiring an additional 6 credit hours. Students then complete 6 credit hours of electives either from the Economics department (listed below), or from other departments across the university.\* These elective courses include a research project (GECON-7000) or a practicum (GECON-7002).

1. Environmental, Resource and Development Economics (ERDE) stream: Contemporary social and environmental concerns have focused attention on the sustainability of economic growth strategies pursued by different countries. The ERDE stream develops students' expertise in this area, allowing students to apply their skills in economic analysis to problems affecting low-income communities, resource use and the environment.

2. Policy Analysis (PA) stream – This stream provides the opportunity for students to apply their skills in economic analysis to a wide range of applied economics fields. Governments and the private sector are increasingly seeking economists with quantitative skills and the ability to apply those skills across a wide range of policy issues, from labour policy to finance. The PA stream develops students' expertise in cost-benefit analysis, public finance and policy analysis.

Upon entry into the program, students will meet with the Graduate Program Committee Chair who will guide them in choosing their course of study. Questions regarding program requirements may be sent to: [econgrad@uwinnipeg.ca](mailto:econgrad@uwinnipeg.ca)

SECOND LANGUAGE REQUIREMENT: None

EXPECTED TIME TO GRADUATE: 1 year

MAXIMUM TIME REQUIRED TO GRADUATE: 3 years

## COURSE LISTINGS

### Core courses:

- **GECON-7200/0** MATH REVIEW FOR MAE STUDENTS
- **GECON-7102/3** MICROECONOMICS
- **GECON-7103/3** MACROECONOMICS
- **GECON-7201/3** APPLIED ECONOMETRICS
- **GECON-7003/3** COST-BENEFIT ANALYSIS AND VALUATION TECHNIQUES

### Required ERDE stream courses:

- **GECON-7305/3** DEVELOPMENT ECONOMICS
- **GECON-7315/3** ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS

### Required PA stream courses:

- Two of:
  - **GECON-7303/3** TOPICS IN APPLIED ECONOMICS
  - **GECON-7313/3** TOPICS IN INDUSTRIAL ORGANIZATION AND COMPETITION POLICY
  - **GECON-7314/3** TOPICS IN PUBLIC ECONOMICS
  - **GECON-7316/3** TOPICS IN REGULATION AND PUBLIC ENTERPRISES
- May include a maximum of one of:
  - **GPOL-7341/3** AN INDIGENOUS APPROACH TO PROGRAM EVALUATION
  - **GPOL-7385/3** SPECIAL TOPICS IN PUBLIC ADMINISTRATION
  - **GPOL-7505/3** POLITICS OF URBAN DEVELOPMENT

### Electives\*:

- **GECON-7000/3** RESEARCH PROJECT
- **GECON-7001/3** SPECIAL STUDIES IN ENVIRONMENTAL, RESOURCE AND DEVELOPMENT ECONOMICS
- **GECON-7002/3** MAE PRACTICUM
- **GECON-7203/3** TOPICS IN MATHEMATICAL ECONOMICS
- **GECON-7305/3** DEVELOPMENT ECONOMICS
- **GECON-7307/3** TOPICS IN MACROECONOMICS
- **GECON-7310/3** TOPICS IN INTERNATIONAL ECONOMICS
- **GECON-7313/3** TOPICS IN INDUSTRIAL ORGANIZATION AND COMPETITION POLICY
- **GECON-7315/3** ENVIRONMENTAL AND NATURAL RESOURCE ECONOMICS
- **GECON-7321/3** TOPICS IN THE HISTORY OF ECONOMIC THOUGHT
- **GECON-7800/3** INVESTMENT THEORY AND APPLICATIONS
- **GECON-7801/3** OPTIONS, FUTURES AND DERIVATIVES

\*MAE students may take non-GECON courses as electives. Please consult with the GPC Chair for the list of approved non-GECON electives. Registration for these courses requires approval of the MAE GPC Chair, non-GECON GPC Chair, and the course instructor.