



FACULTY OF GRADUATE STUDIES

# ENVIRONMENTAL, RESOURCE, AND DEVELOPMENT ECONOMICS (MA)

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The Master of Arts (MA) in Environmental, Resource and Development Economics (ERDE) focuses on how social, environmental and economic issues interact with one another on local and global levels.

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This program investigates many important questions, such as: What is the economic impact of climate change? Must we sacrifice the environment to develop our economies? Can natural resources be developed sustainably? How can nations overcome low incomes and poor health?

ERDE students become highly proficient in economic analysis, and in applying this knowledge to issues surrounding low-income communities, resource use, and the environment. They learn from dedicated faculty who are captivated by these topics, and who conduct cutting edge research in these areas.

Students in the program are required to take six Core ERDE courses (18 credit hours). There are three options for the remaining 6 credit hours to complete the program: Option 1 - Course Work and Research Project; Option 2 - Course Work and Practicum; Option 3 - Course Work Only from a list of eligible electives.

ERDE students must complete a total of 24 credit hours to graduate from the program. The expected time to graduate is 1 year.

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## SAMPLE CAREERS

ERDE graduates are well-prepared for jobs in business or in government. They are uniquely positioned to work as researchers and practitioners in the growing non-governmental and not-for-profit sectors, both in Canada and around the world. Recent graduates have completed internships with the United Nations, obtained positions with the Government of Manitoba and Manitoba Hydro, and have joined reputable PhD programs in Economics.

## SAMPLE COURSES

**DEVELOPMENT ECONOMICS\*** This course provides an overview of the current literature on the economic growth and development of developing countries. Topics covered include economic growth, inequality, the role of geography, history, and institutions for sustainable growth, the internal structure of households, human capital, and the functioning of factor markets. The objective of the course is to introduce students to some of the most active new areas of research on economic development and to apply the analytical and empirical tools for studying some of the most pressing issues faced by developing countries.

**ENVIRONMENTAL ECONOMICS\*** This course examines the interaction amongst economic activities/policies, environmental damage and social welfare. The course pursues an analytical approach to understanding the theoretical foundations for environmental economics – externalities, public goods and the regulation of polluting activities. It examines environmental policy in the context of complexities arising due

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to imperfect competition, international trade, regulatory enforcement, and uncertainty. Specific attention is paid to environmental problems in developing countries, and to current international environmental issues such as climate change.

### **MORE SAMPLE COURSES**

- **Microeconomics\***
- **Macroeconomics\***
- **Applied Econometrics\***
- **Topics in Industrial Organization and Competition Policy**
- **Natural Resource Economics\***
- **Topics in Public Economics**

\*Core courses

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### **ADMISSION REQUIREMENTS**

Students must hold, or reasonably expect to hold by September, an Honours Bachelor's degree in Economics. The minimum acceptable Cumulative Grade Point Average is 3.0 out of a possible 4.0. The normal admission criterion is an Honours undergraduate degree in economics with a strong quantitative background. Students typically enter the ERDE program having already taken Advanced Microeconomics, Advanced Macroeconomics, Calculus, Econometrics and Statistics as part of their undergraduate degree. Applicants without sufficient background in economics may be admitted to a Qualifying Year. The Department of Economics will assess degrees earned outside Canada to determine their equivalency.

English Requirement (if applicant's first language is not English): Minimum TOEFL score 550 (paper-based), 213 (computer-based), (80) internet-based OR International English Language Testing System **IELTS** (6.5). The test should have been taken within two years of the date a completed application is filed.

### **HOW TO APPLY**

1. Complete the online application form:  
<https://oa2.uwinnipeg.ca/OnlineAdmissions/Account/Login?ReturnUrl=%2fOnlineAdmissions>
2. In addition to the completed application form, the following must also be included with the application:
  - a. Transcripts are required from ALL recognized, post-secondary institutions attended, whether or not a degree has been awarded. For initial assessment purposes only, copies of unofficial transcripts (uploaded to your application) are acceptable and preferred. Official transcripts will only be required if you are recommended for admission. All official transcripts are to be sent directly from the post-secondary institutions. If the final transcript does not show that a completed degree has been conferred, an official/notarized copy of your diploma is also required.
  - b. Supply two letters of recommendation and reference forms from individuals familiar with your academic work.
  - c. Provide English language requirement (where applicable). Official test scores must be forwarded directly to the Graduate Studies Admissions Office from the testing agency. For initial assessment purposes only, copies of test scores (uploaded to your application) are acceptable and preferred.
  - d. Other supporting documents include: scanned copies of name change (if applicable), CV/resumé and proof of permanent residency (if applicable).
  - e. Official documents should be sent to the Graduate Studies Admissions Office, The University of Winnipeg, 515 Portage Avenue, Winnipeg, MB Canada R3B 2E9.

**Start date** for the program is in September.

**Deadlines** to submit a complete application package, including all supporting documents: February 1

### **CONTACT US**

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W: [www.uwinnipeg.ca/erde](http://www.uwinnipeg.ca/erde)

**Graduate Studies Admissions Office**  
P: 204.786.9309  
E: [gradstudies@uwinnipeg.ca](mailto:gradstudies@uwinnipeg.ca)

In any case where the University's Academic Calendar and this fact sheet differ, the current Calendar takes precedence.