



FACULTY OF GRADUATE STUDIES

ENVIRONMENTAL, RESOURCE, AND DEVELOPMENT ECONOMICS (MA)

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.

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.

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 CORE 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 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.

NATURAL RESOURCE ECONOMICS* This course reviews the normative foundations of natural resource economics, addressing concepts such as efficiency, intergenerational equity and sustainability. Renewable and non-renewable resources such as forestry, fisheries, renewable energy, and fossil fuels are considered. The course further examines (i) the role of natural resources in economic development, and (ii) natural resource management under various market structures, regulatory regimes, and the existence of non-consumptive values.

MORE SAMPLE COURSES

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

**Core courses*

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.

HOW TO APPLY

Complete the online application form:

<https://oa2.uwinnipeg.ca/OnlineAdmissions/Account/Login?ReturnUrl=%2fOnlineAdmissions>

Start date for the program is in September.

Deadline to submit a complete application package, including all supporting documents: **Feb 1**

CONTACT US

The Graduate Program Committee

P: 204.786.9422

E: econgrad@uwinnipeg.ca

W: www.uwinnipeg.ca/erde

Graduate Studies Admissions Office

P: 204.786.9039

E: gradstudies@uwinnipeg.ca

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