

# DEVELOPMENT ECONOMICS, CERTIFICATE

The certificate in development economics gives students a solid foundation of analytical skills that will enable them to better understand the challenges created by world poverty. They will learn how economics can be used to address the problems of poverty and the impact of globalization on growth and development. Students will focus on such issues as the relationship between population growth and economic growth, the major debates about food self-sufficiency and food security, how child labor and gender discrimination limit economic development, and what environmental problems are posed by economic development.

The certificate in development economics is open to any undergraduate student enrolled at the University of Wisconsin–Madison.

## HOW TO GET IN

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The certificate in development economics is open to any undergraduate student enrolled at the University of Wisconsin–Madison. Contact the advisor listed under the Advising and Careers tab for more information or to declare the certificate.

Code	Title	Credits
<b>In order to declare the certificate, the student must have successfully completed one of the following courses:</b>		
A A E 101	Introduction to Agricultural and Applied Economics	4
ECON 101	Principles of Microeconomics	4
ECON 111	Principles of Economics–Accelerated Treatment	4

## REQUIREMENTS

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Code	Title	Credits
<b>The certificate requires five courses.</b>		
<i>Complete two core courses:</i>		
A A E/ECON 474	Economic Problems of Developing Areas	3
A A E/INTL ST 373	Globalization, Poverty and Development	3
or A A E/INTL ST 374	The Growth and Development of Nations in the Global Economy	3
<i>Select one course from the following:</i>		
A A E 319	The International Agricultural Economy	3
A A E/AGRONOMY/NUTR SCI 350	World Hunger and Malnutrition	3

A A E/INTL ST 373	Globalization, Poverty and Development	3
A A E/INTL ST 374	The Growth and Development of Nations in the Global Economy	3
A A E/ECON/INTL BUS 462	Latin American Economic Development	3
A A E/ECON 473	Economic Growth and Development in Southeast Asia	3
A A E/ECON 477	Agricultural and Economic Development in Africa	3
<i>Select one course from the following:</i>		3
C&E SOC/ENVIR ST/SOC 540	Sociology of International Development, Environment, and Sustainability	3
C&E SOC/SOC 630	Sociology of Developing Societies/Third World	3
ECON 464	International Trade	3
ECON 467	International Industrial Organizations	3
ECON 475	Economics of Growth	3
GEOG/ENVIR ST 339	Environmental Conservation	3
GEOG 340	World Regions in Global Context	3
INTL BUS 200	International Business	3
INTL BUS/FINANCE 445	Multinational Business Finance	3
INTL ST 402	Topics in Politics and Policy in the Global Economy	3
POLI SCI 330	Political Economy of Development	3
POLI SCI 348	Analysis of International Relations	3
POLI SCI 350	International Political Economy	3
<i>Select one additional course from any of the courses listed above</i>		3
<b>Total Credits</b>		<b>15</b>

- A student may combine this certificate with any other certificate and/or major. However, students with a major in Agricultural and Applied Economics, a major in Economics, or a major in the Politics and Policy in the Global Economy option in International Studies may count no more than 2 courses toward both their major requirements and the requirements for the certificate in development economics.
- 50% of certificate coursework must be completed in residence.
- Minimum average 2.000 GPA in all certificate courses.

## CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.

## LEARNING OUTCOMES

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1. Understand the impacts of global economic processes, such as trade, foreign investment, and migration, on growth and development.

2. Understand the contributions of private and public investments in areas such as agriculture, education, environmental resources, health care, industrialization, and technology adoption to growth and development, and the methods for measuring those effects.

## ADVISING AND CAREERS

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**For academic advising information, please visit: [aae.wisc.edu/undergrad/advising/](https://aae.wisc.edu/undergrad/advising/)**

Students pursuing the certificate in development economics are often interested in careers in international development. Depending on their major, they often find careers in policy analysis, consulting, or working abroad. They can find employment with a variety of employers such as nonprofit organizations, government agencies, cooperatives, or multinational firms. Many students pursue graduate degrees in economics, public policy, law, or other areas.

## PEOPLE

### PEOPLE

#### PROFESSORS

Foltz, Jeremy  
Rutherford, Thomas  
Schechter, Laura  
Shi, Guanming (Chair)

#### ASSISTANT PROFESSORS

Dower, Paul  
Mukherjee, Priya

#### UNDERGRADUATE ADVISOR

Thaw, Michaela

## WISCONSIN EXPERIENCE

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#### STUDY ABROAD

Many students declared in the certificate in development economics choose to study abroad. Study abroad programs offer students the opportunity to gain an international perspective and can prepare them to participate in today's global economy. International Academic Programs (IAP) (<https://www.studyabroad.wisc.edu/>) serves as the primary study abroad office on campus, offering more than 200 programs in more than 60 countries around the world. IAP program offerings, available to all majors, range from short-term, faculty-led opportunities to intensive language study, internships, a semester or a year at a university overseas, service learning, and programs with special themes. There are also international programs offered through the College of Agricultural and Life Sciences (CALS) (<https://cals.wisc.edu/academics/undergraduate-students/studyabroad/>). Study abroad programs in CALS cover a variety of content areas such as sustainable development, food systems, agriculture, health and wellness, and community and economic development.