

MASTER OF SCIENCE IN ECONOMICS

The online Master of Science in Economics program offers an analytics-infused economics education that can be customized by three unique specialization areas (Financial Economics; Business & Economics Data Analytics; and Public Economics & Policy). Students will be equipped to contribute to the modern economics landscape in business or public policy environments with a data-driven decision-making approach, developed in courses that give them the tools to analyze and interpret economic data.

Students may specialize in areas that offer the opportunity to expand applied or theoretical understanding of economics. With access to extensive datasets, both public and proprietary, top faculty teach cutting-edge quantitative and empirical instructional methods. Innovative teaching methods focus on highly relevant subjects such as econometrics, big data, machine learning, applications and tools such as Stata, Matlab, EViews and Python, business forecasting, game theory, experimental economics and more.

The program is designed not only to enhance your expertise in economics but to allow you to take your next giant leap while balancing work and life. Our fully online format fosters connections between students and faculty while maintaining crucial flexibility.

Start with a graduate certificate (only 12 credit hours) that can lead to a full master's degree. **Learn More.**



DEGREE EARNED
Master of Science



LENGTH
2-3 years
30 credits



FORMAT
Online



WORK EXPERIENCE
Avg. 8 years



FEES
[View Current Rates](#)

PROGRAM HIGHLIGHTS

- 100% online program combines synchronous and asynchronous learning and allows you to earn a degree while balancing your work and life
- Consistently ranked as one of the top online MS Economics programs in the United States
- Offers exceptional ROI alongside affordability and accessibility, with recent graduates reporting average salary increases of \$26k or more
- Start with a graduate certificate in Financial Economics, Business & Economics Data Analytics, or Public Economics & Policy that can lead to a full master's degree in economics
- Support services available, including career services (interview support, resume review and more) success coaches (study skills, time management development, stress management coaching) and more

MORE INFORMATION

businessgrad@purdue.edu
business.purdue.edu/online/ms-economics



CLASS PROFILE

Employers

- Microsoft
- Pfizer
- U.S. House of Representatives
- University of South Dakota
- Vanguard
- Victoria University
- Wells Fargo
- Wellspring Financial Partners
- Xometry

Geography

- 32 states
- 14 countries

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ONLINE MASTERS IN
ECONOMICS

OnlineMastersDegrees.org, 2024

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ONLINE MASTERS IN
ECONOMICS

Intelligent.com, 2025

Online Master's Programs

Economics

CURRICULUM

30 total required credits

9 required core credits

21 elective credits*

*Up to three credits of 21 total elective credits may be taken from the management electives set.

Foundational Courses (Required, 9 credits)

- Consumer and Producer Theory
- Econometrics I
- Fundamentals of Macroeconomics
- Mathematics for Economists
- Statistical Analysis for Economists

Electives

Business and Data Analytics

- Statistical and Machine Learning
- Machine Learning II
- Econometrics II
- Financial Econometrics
- Quantitative Economics with Python
- Applied Game Theory
- Applied Microeconomics

Financial Economics

- Markets
- Business Cycles and Macroeconomics Policy
- Econometrics II
- Statistical and Machine Learning
- Machine Learning II
- Financial Valuation and Decision-Making
- Financial Econometrics
- Economic Forecasting
- Behavioral Economics
- Experimental Economics
- Applied Game Theory
- International Economics
- Financial Management
- Applied Microeconomics

Public Economics and Policy

- Industrial Economics
- Applied Game Theory
- Public Economics
- Health Economics
- Wage Discrimination
- Law and Economics
- Current Topics in Macroeconomics
- Federal Budgets and Public Policy
- International Economics
- Applied Microeconomics

Management*

- Big Data Analytics in the Cloud
- Collaborative Innovation
- Frontiers in AI
- Marketing Management
- Negotiations in Organizations
- Intro to Operations Management
- Supply Chain Management
- Using R for Analytics
- Web Data Analytics

Use your electives to fulfill the requirements for one of our three online graduate certificates: Financial Economics; Business & Economics Data Analytics; and Public Economics & Policy.

LEARN MORE

For more information and course descriptions visit
business.purdue.edu/online/programs/ms-economics/curriculum



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My education honed my critical thinking skills and helped me familiarize myself with concepts that I need to understand to do my job well."

WOLF WILLIAMS

Online MS Economics '22

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July 2025