

## BACHELOR OF SCIENCE IN STEM DISCIPLINE / MASTER OF SCIENCE IN ECONOMICS (MS ECON)

This combined degree program allows undergraduate students in Engineering (AAE, CE, ChE, ECE, IE, or ME), Mathematics, Computer Science, or Statistics to not only complete their undergraduate degree but also make progress toward the completion of the MS degree in Economics while at Purdue. This path can be particularly attractive to Purdue STEM majors who already have plans to obtain a Minor in Economics as undergraduate students.

### PROGRAM REQUIREMENTS

- Take the three designated courses (ECON 51100, ECON 51200, and ECON 56200) to fulfill the requirements for a Minor in Economics.
- Have a GPA of 3.0 or higher in the three graduate level economics courses, and no grade lower than a B-.
- Have an overall Purdue GPA of 3.0 or higher at the time of application.
- Have met with an undergraduate academic advisor.

### PROGRAM NOTES

- Students planning on taking the prerequisite courses listed above should apply to the Purdue Graduate School for admission into the combined BS/MS degree program prior to completing the courses.
- Students who are encouraged to apply will complete the Graduate School application in early spring of their junior year. Admissions decisions will be made in time for them to complete plans for the upcoming year.
- To create the option of pursuing this combined degree program, students will apply for admission during his or her junior year and take the 3 required courses during their final year of undergraduate study.
- To graduate with a Purdue MS degree in Economics, students need to take a total of 30 credit hours of graduate-level Economics courses. The three designated courses listed above would meet 9 of the 30 credit-hour requirement for the MS degree in Economics.
- The online modality of MS Economics allows for students to begin their career following completion of their BS, and continue on with the MS while working full time.

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ONLINE MASTERS IN ECONOMICS

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ONLINE MASTERS IN ECONOMICS

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MORE INFORMATION

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


## CLASS PROFILE

MS Economics

## EMPLOYERS

Accenture  
 Amazon  
 Bank of Montreal  
 Carrier  
 Center for Clinical Care and Research Nigeria  
 Citizens Bank  
 Cummins, Inc.  
 Deloitte  
 EY  
 FedEx Express  
 Geico Insurance  
 General Motors  
 Health New Zealand  
 IKEA  
 JPMorgan Chase  
 Lincoln Financial Group  
 Microsoft  
 Morgan Stanley  
 National Bank of Egypt  
 Northwestern Mutual  
 PricewaterhouseCoopers  
 Procter & Gamble  
 Purdue University  
 Quicken Loans  
 Regions Financial  
 Seattle Mariners  
 Twitter  
 U.S. Air Force  
 U.S. Army  
 U.S. Department of Defense  
 U.S. Department of the Treasury  
 U.S. Marine Corps  
 Walgreens  
 Walmart  
 Western Digital

## GEOGRAPHY

39  
States

16  
Countries

Information compiled from recent cohorts.

# COMBINED DEGREE PROGRAM

# ECONOMICS

## CURRICULUM

30 total required credits

### Required Core Courses Theoretical and Applied Concepts

- Econometrics I
- Econometrics II
- Microeconomics (Intermed I)
- Macroeconomics (Intermed II)
- Mathematics for Economists
- Statistical Analysis for Economists

### Specialization I: Business and Data Analytics

- Financial Econometrics
- Game Theory
- Statistical and Machine Learning
- Machine Learning II
- Microeconometrics
- Quantitative Economics with Python
- Advanced Quantitative Economics with Python

### Specialization IV: Advanced Theory

- Microeconomics I
- Microeconomics II
- Economics of Information or Microeconomics III
- Mathematical Analysis for Economists

### Specialization II: Financial Economics

- Behavioral Economics
- Experimental Economics
- Financial Econometrics
- Financial Valuation and Decision Making
- International Economics
- Investments and Portfolio Management

### Specialization III: Public Economics and Policy

- Federal Budgets and Public Policy
- Health Economics
- Industrial Economics
- Law and Economics
- Personnel Economics
- Public Economics
- Topics in Macroeconomics
- Wage Discrimination

Students pursuing the Advanced Theory specialization are required to be on-campus at Purdue University for two semesters. Complete the core classes online and come to campus for the final year for the Advanced Theory specialization.

For more information and course descriptions visit  
[business.purdue.edu/online/ms-economics](https://business.purdue.edu/online/ms-economics)



Professors want you to succeed and learn, and other students are always there to help support you along your journey. We are all in this together, and we all want to help each other."

SYDNEY KEENAN  
 MS ECONOMICS '21  
 COMBINED DEGREE PROGRAM