



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Master of Science in Economics

A cutting edge quantitative-focused economics program with courses like Machine Learning and Data Analytics that prepare students for admission to top PhD programs or for jobs at elite firms in industry.



Live and study in beautiful Madison, Wisconsin, a city consistently ranked as one of the safest and most livable cities in the United States.



#6 MS Best Master's of Economics Program, TFE Times
#10 Top Public University, US News & World Report
#3 Best Place to live in the US, Livability Magazine

The Wisconsin Advantage

The Master of Science in Economics at the University of Wisconsin-Madison places a stronger emphasis on econometrics than similar programs at other universities. The result is in-demand graduates who receive PhD admissions from top universities and job offers from elite firms.

A wide variety of courses grounded in quantitative methods provides students with a breadth of economic knowledge

Today's job market and PhD programs in economics require strong quantitative skills along with a command of microeconomic and macroeconomic theory. Wisconsin's tradition of supporting economic theory with quantitative methods is well suited to these requirements. Students complete advanced microeconomic and macroeconomic courses and can choose from additional courses:

Mathematics for Economists

- Explore mathematical techniques used in economic analysis
- Proof techniques
- Optimization
- Topology and functional analysis

Econometrics

- Hypothesis testing, linear regression, Least-squares estimation, and Inference
- Use econometric methods to develop your own research question
- Conduct empirical research and write your own paper in economics as a capstone experience

Machine Learning for Economists

- Use Machine Learning in Python to answer economic questions
- Large data analysis and data mining causal inference
- Optimal policy estimation
- Estimation of counterfactual effects

Data Analytics for Economists

- Use real world economic datasets to perform quantitative economic research
- Clean and manipulate data
- Create datasets for economic research and for theory-based and atheoretic econometric models



Classes taught by top faculty also teaching PhD classes

A selection of the outstanding faculty who teach MS in Economics classes:



Charles Engel, Professor, Donald D. Hester Distinguished Chair: Well known for his research on nominal/real exchange rate movements; serves as a senior fellow at the Globalization and Monetary Policy Institute



Jack Porter, Richard E. Stockwell Distinguished Chair: A world-renowned micro-econometrician, Fellow of the Econometric Society and an exceptional teacher



Marzena Rostek, Juli Plant Grainger Distinguished Chair: Renowned for her research in Economic Theory and Finance with publications in top journals including *Econometrica*



Xiaoxia Shi Lowell & Leila Robinson Professor in Economics: An expert on multiple inequality hypothesis testing, she is an in-demand speaker regularly presenting at top conferences



Lones Smith, Maude P. & Milton J. Shoemaker Distinguished Chair in Economics: A prolific scholar and acclaimed economic theorist with expertise in game theory and information economics



Kenneth West, John D. MacArthur Professor of Economics: Former co-editor of the prestigious *American Economic Review* and renowned for developing the *Newey-West estimator*



Top PhD Placements

Our MS program has a reputation for producing high caliber graduates who receive offers from top PhD programs such as:

- Yale University
- Duke University
- Cornell University
- University of California-Berkeley
- Ohio State University
- University of Minnesota-Twin Cities
- University of Texas -Austin
- Virginia Tech

Top Industry Placements

Graduates of the Wisconsin Economics Master's program have keen quantitative skills that are in-demand among top employers such as:

- Bloomberg
- Anderson Economic Group
- Altria
- Princeton University (PreDoc Fellowship)
- NERA Economic Consulting
- KPMG
- Harvard University (Research Assistant)
- The Brattle Group

"UW-Madison has the best Econometrics professors, and they are really helpful to students. I have been able to understand each and every related concept from theory to applications."

-Zhang Ye, Wisconsin Economics Master's Student Class of 2021



Application

Applicants to the Wisconsin Economics Master's Program come from a variety of backgrounds. All majors, including those with non-economic majors are welcome to apply. The GRE test is not required for Fall 2023 applicants.

▼ Peter Arcadiacono (Wisconsin Economics PhD, 1999) speaks with UW-Madison MS and PhD students following his talk on Legacy and Athlete Preferences at Harvard at one of the many events with subject experts hosted by Wisconsin Economics.



Apply Today!

Visit grad.wisc.edu/apply for additional information.
Final deadline for Fall 2023 admissions: March 15, 2023.

Fast Track Application Timeline

- Applicants who apply by Nov. 1, 2022, will receive a response by Dec. 15, 2022
- Applicants who apply by Jan. 1, 2023, will receive a response by Feb. 15, 2023

Master of Science in Economics at a Glance

- Courses taught by renowned faculty at the top of their field
- Advanced quantitative economics coursework prepares students for careers in industry or advanced study at the doctoral level
- Designated as a STEM degree
- Access to the Economics Career Development Office with two professional career advisors to assist students in landing jobs at top firms
- Students have the opportunity to participate in summer research groups and will also complete an exciting capstone empirical research paper
- The 30-credit degree program can be completed in 12-24 months
- Tailor your experience by supplementing coursework with electives in other departments such as Math, Statistics or Computer Science



Department of Economics
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