

WHAT ABOUT ECONOMICS?

MAJOR OPTIONS

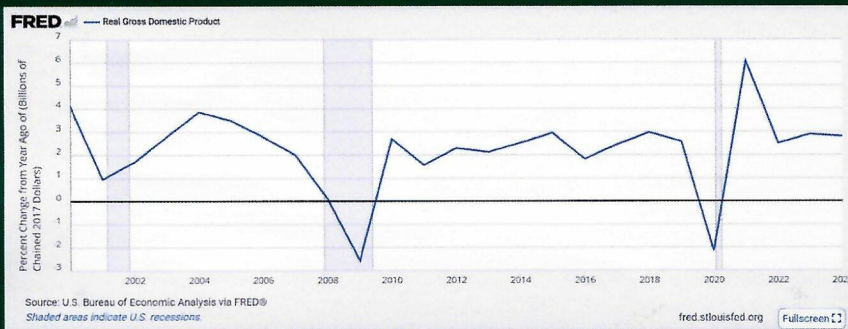
- BS - Applied Economics
- BS - General Economics
- BS - Quantitative Economics
- Minor in Economics
- MS - Quantitative Economics

SKILLS DEVELOPED

Data Analysis - Economics applies techniques from Statistics (e.g. regression analysis), Machine Learning, AI, and Economic Theory to examine a wide range of issues: from effectiveness of specific government policies to techniques for firms to maximize or minimize specific values (e.g., profits).

Presenting and Interpreting Empirical Results - students employ quantitative reasoning and theoretical analysis valuable to employers in both the private and public sectors.

Software and Techniques - students learn statistical software (R, Stata, Excel, etc.) and Geographic Information Systems (GIS) packages (e.g., ArcGIS). No prior knowledge is assumed or needed.



FACULTY RESEARCH INTERESTS

Dr. Bruce Brown

- Financial Markets and Institutions; Integrating mathematical and statistical models with real world data, institutions, and market conditions, to analyze and predict asset prices and their changes.
- Examining ways of analyzing data. Examples include estimating and interpreting wage differentials among different types of workers, deterrent effect of capital punishment, data aggregation, and Simpson's Paradox.
- Analyzing economic methodology: the interconnection between assumptions and analysis of economic issues, theory and data.

Dr. Greg Hunter

- Law and Economics, Financial Economics

Dr. Shih-Tang Hwu

- Empirical macroeconomics
- Econometrics and market forecasting
- Monetary policy

Dr. Hien Nguyen

- Macroeconomics
- Financial Economics, Housing Economics

Dr. Michael Topper

- Economics of Crime: Analyzing policing technology, behavior, and policy interventions to understand how to make policing more efficient.
- Health Economics: Particular interest in determining how policy can affect risky health behaviors such as drinking and sexual assaults.
- Data Science: Open-source data tools and development using the R programming language.



College of Letters, Arts,
and Social Sciences



CONTACT US

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