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# INTRODUCTION



Economics is an incredibly flexible major, equipping you with a set of qualitative and quantitative problem solving tools that can be invaluable in many fields of work and postgraduate study. Here you will find a list of suggested Econ Tracks: ways to combine an Economics major with other related fields like Math, IPE, and Business. Each track will identify a thematic set of courses in Econ requirements, Econ electives, and in other departments that can come together to shape a rich interdisciplinary experience. Whether you decide to pair an Econ major with a second major, a minor, or multiple minors, see if one of these tracks is right for you!

# ECONOMICS AND THE WORLD

**Recommended program pairing: IPE, PG**  
**Track lead: Yoonseon Han**

This track is intended for Econ majors who are interested in international microeconomic and macroeconomic issues, and offers suggested courses which pair best with courses in International Political Economy (IPE) and Politics and Government (PG). Students who take courses in this track will gain a comprehensive understanding of the global economy and the skills to analyze and critically evaluate global economic issues and challenges. Students can also develop a sense of global citizenship, which may lead to a greater interest in global issues, social responsibility, and international cooperation.

## Recommended Econ Electives

**ECON 218:** American Economic History\*\*

**ECON 240:** Economics of Migration\*\*

**ECON/IPE 261:** Comparative Public Policy\*\*

**ECON 268:** Development Economics\*\*

**ECON 270:** Money & Banking

**ECON 271:** International Economics\*\*

**BUS 435:** International Finance

## Infrequently offered Econ courses:

**ECON 221:** History of Economic Thought\*\*

## Supporting courses from outside of the major:

**IPE 205:** Political Economy of Int'l Trade & Finance (aka Int'l Econ light for IPE majors)

**IPE 321:** Business of Alleviating Poverty

**IPE 382:** Illicit Global Economies

**IPE 389:** Global Struggles over Intellectual Property Rights



# ECONOMICS AND PUBLIC POLICY

**Recommended program pairing: IPE, PG**

**Track lead: Isha Rajbhandari**

This track is intended for Econ majors who are interested in public policy, and offers suggested courses which pair best with courses in International Political Economy (IPE) and Politics and Government (PG). Students who take courses in this track will gain a comprehensive understanding of the history of public policies and their role in addressing important issues in diverse fields such as environment, economic growth, labor, development, finance, and trade both nationally and internationally. Students will also develop a deeper understanding of the processes and challenges surrounding the implementation of public policies and their impact on important social and economic issues.

## **Recommended Econ Electives:**

**ECON 218:** American Economic History\*\*

**ECON 225:** Environmental and Natural Resource Economics

**ECON 241:** Regional and Urban Economics\*\*

**ECON/IPE 261:** Comparative Public Policy\*\*

**ECON 268:** Development Economics\*\*

**ECON 270:** Money & Banking

**ECON 271:** International Economics\*\*

## **Econ Electives Continued:**

**ECON 327:** Climate Change: Economics, Policy, and Politics

**ECON 335:** Modern Labor Economics

## **Infrequently offered Econ courses:**

**ECON 221:** History of Economic Thought\*\*

**ECON 330:** Law and Economics

## **Supporting courses from outside of the major:**

**IPE 321:** Business of Alleviating Poverty

# ECONOMICS AND THE ENVIRONMENT

**Recommended program pairing:  
Environmental Studies and Sciences (ESS)  
Track lead: Lea Fortmann**

**This track is intended for Econ majors who are interested in local and global environmental issues and offers suggested courses which pair best with a double major in Environmental Policy and Decision Making (EPDM) track of the Environmental Studies and Sciences program. Students who take courses in this track will gain a comprehensive understanding of the key environmental issues facing our generation and the role economics plays in developing and informing environmental policy.**

## **Recommended Econ Electives**

**ECON 225:** Environmental and Natural Resource Economics\*\*

**ECON 291:** Behavioral Economics

**ECON 327:** Climate Change: Economics, Policy, and Politics\*\*

**ECON 384:** Advanced Empirical Methods

## **Infrequently offered Econ courses:**

**ECON 381:** Experimental Economics

## **Supporting courses from outside of the major:**

**ENVR 210:** Fundamentals of U.S. Environmental Law and Policy

**ENVR 326:** People, Politics and Parks

**GEOL 307:** Intro to Field Methods & GIS

**HIST 364:** American Environment History

**IPE 331:** International Political Economy of Food & Agriculture

**PG 305:** U.S. Environmental Policy

**PG 328:** Global Environmental Politics

**STS 344:** Ecological Knowledge in Historical Perspective

**SOAN 407:** Political Ecology

# ECONOMICS AND BUSINESS

**Recommended program pairing: BUS, BLP**

**Track lead: Andrew Monaco**

This track is intended for Econ majors who are interested in financial markets, different market structures and competitive forces, and the decision-making of businesses, and offers suggested courses which pair best with courses in the School of Business. Students who take courses in this track will (1) implement the economics toolkit to analyze the impact of competition, strategic interaction, and monopolistic forces on firm decision-making; (2) investigate how firm decision-making impacts market outcomes, including price levels in markets, efficient and equitable market operations, and social welfare more broadly; (3) integrate how financial markets operate and how individuals and businesses leverage financial markets to achieve their economic goals.

## Recommended Econ Electives

**ECON/IPE 261:** Comparative  
Public Policy

**ECON 270:** Money & Banking

**ECON 271:** International  
Economics

**ECON 351:** Industrial  
Organization

**ECON 380:** Game Theory in  
Economics

**BUS 431:** Financial Markets\*\*

**BUS 432:** Investments\*\*

**BUS 435:** International  
Finance\*\*



# ECONOMICS AND MATHEMATICAL MODELING

**Recommended program pairing: MATH, CSCI**  
**Track lead: Andrew Monaco**

This track is intended for Econ majors who are interested in theoretical economics and economic modeling, and offers suggested courses which pair best with courses in mathematical theory and computer science. Students who take courses in this track will (1) develop a set of quantitative tools in economic theory that can be used to model a wide range of phenomena, from activities in our everyday lives to complex market analysis; (2) establish the mathematical foundations of core economic ideas like supply and demand; (3) investigate the methodology of knowing economists derive from economic theory and modeling, including the appropriate role of assumptions and the value in diversity in economic models.

## Recommended Econ electives:

**ECON 291:** Behavioral Econ

**ECON 301:** Micro Theory

**ECON 302:** Macro Theory

**ECON 341:** The Economics of  
Online Dating

**ECON 351:** Industrial  
Organization

**ECON 380:** Game Theory in  
Economics

**ECON 391:** Mathematical  
Economics

$$f(x) = ax^2 + bx + c$$

## Infrequently offered Econ courses:

**ECON 221:** History of Economic  
Thought

**ECON 365:** Economics and  
Philosophy

**ECON 381:** Experimental  
Economics

## Supporting courses from outside of the major:

**MATH 180/181/281:** Calculus 1, 2,  
and 3

**MATH 290:** Linear Algebra

**MATH 335 / CSCI 335:**  
Optimization

**MATH 471:** Mathematical  
Modeling



# ECONOMICS AND DATA ANALYTICS

**Recommended program pairing: Data, Math**  
**Track lead: Matt Warning, Lea Fortmann**

This track is intended for Econ majors who are interested in the Data Analytics minor, focusing on quantitative policy analysis, econometrics, and statistics. The track is intended to prepare students with the tools and theoretical foundations important for a wide range of quantitative careers, from evidence-based public policy analysis to business analytics and strategic research.

**Recommended Econ electives:**

**ECON 291:** Behavioral Economics\*

**ECON 384:** Advanced Empirical  
Methods\*

**Infrequently offered**

**Econ courses:**

**ECON 268:** Development  
Economics

**ECON 381:** Experimental  
Economics\*

**Required for**

**Data Analytics Minor:**

**Data 160**

**DATA 260 or MATH 260**

**PHIL 286**

**Supporting courses from outside  
of the major:**

**MATH 260:** Intermediate Stats\*

**MATH 360:** Advanced Applied  
Stats\*

**MATH 375:** Probability Theory\*

**MATH 376:** Mathematical  
Statistics\*

# ECONOMICS W/ BEHAVIORAL ECONOMICS EMPHASIS

**Recommended program pairing: PSYC, NRSC**

**Track lead: Garrett Milam**

This track is intended for Econ majors who are interested in the psychological and neurobiological dimensions of decision making, and offers suggested courses which pair best with courses in Psychology and Neuroscience. Students who take courses in this track will build an understanding of the intersection of Economics and other behavioral sciences. This track is ideal for students interested in pursuing either the overlay major in Neuroscience with a Neuroeconomics sub-emphasis, a minor in Neuroscience, or double-majors in Psychology and Economics.

## **Recommended Econ electives**

**ECON 291:** Behavioral Economics\*\*

**ECON 341:** The Economics of Online Dating\*\*

**ECON 380:** Game Theory in Economics\*\*

## **Infrequently offered Econ courses:**

**ECON 365** - Economics and Philosophy\*\*

**ECON 381** - Experimental Economics\*\*

## **Supporting courses outside of the major:**

**PHIL 230:** Philosophy of Mind

**PHIL 340:** Philosophy of Cognitive Science

**PSYC 101:** Introduction to Psychology

**PSYC 201:** Experimental Methodology and Applied Statistics I

**PSYC 255:** Industrial and Organizational Psychology

**CONN 481:** Gamblers, Liars, and Cheats\*\*

## **Supporting courses outside of the major - Neuroeconomics**

### **Sub-emphasis:**

**BIOL 101 or 111**

**PSYC 230:** Behavioral Neuroscience

**PSYC 335:** Cognitive Psychology

**NRSC 201:** Foundations of Neuroscience

**NRSC 350:** Methods in Neuroscience

## Get to know the Economics Program!

ECON 101 (Markets and Macroeconomics) and ECON 102 (Behavior and Choice) establish the fundamentals of economic thinking and lay the groundwork for all subsequent courses. Both courses are required for the major and for the minor.

ECON 284 (Econometrics), ECON 301 (Microeconomic Theory), and ECON 302 (Macroeconomic Theory) are core courses in the major subfields of economics. These courses are required for the economics major. They can count as electives for the economics minor.

ECON 411 (Senior Thesis Seminar) is a research seminar which serves as a capstone experience for economics majors. The course centers on the completion of an independent research project. ECON 411 is required for the economics major.

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### How to Major or Minor in Economics:

**Minor:**  
**EC101**  
**EC102**

**3 electives**  
**(At least one 3xx)**

**Major: BA**  
**EC101**  
**EC102**

**3 electives**  
**(At least one 3xx)**

**EC284**  
**EC301**  
**EC302**  
**EC411**  
**MATH160**  
**Calc 1**

**Major: BS**  
**EC101**  
**EC102**

**3 electives**  
**(At least one = EC391)**

**EC284**  
**EC301**  
**EC302**  
**EC411**  
**MATH160**  
**Calc 1, 2, & 3**