Economics (ECN)

ECN 511 - ECONOMICS OF INFORMATION TECHNOLOGY
Semester Hours: 3

This course explores the economic theory underlying consumer and firm behavior and strategy in the information technology industry with an emphasis on developing formal tools of analysis and applying them to real-world examples. Core topics include cost structures, non-competitive markets, network effects, pricing strategies, and strategic decision problems, including collective action problems such as cybersecurity.

ECN 545 - APPLIED GAME THEORY
Semester Hours: 3

An introduction to game theory and its applications. Students will explore the use of games to understand strategic interactions and apply them to business and other real-world contexts. Prerequisites: ECN 600.

ECN 554 - INTERNATIONAL ECONOMICS
Semester Hours: 3

Behavior of foreign-exchange rates under different monetary standards, methods of financing international trade, historical development of international financial institutions, current and proposed methods for fostering international trade, and problems of international liquidity.

ECN 561 - ECONOMIC DEVELOPMENT
Semester Hours: 3

Understand economic development in the developing world. Examine economic transformation & social change towards addressing poverty, inequality, and social justice. Highlight domestic and international institutional, structural, and political sources of economic dynamism/lack thereof in the Global South.

ECN 575 - LABOR ECONOMICS
Semester Hours: 3

Economic analysis of labor markets; labor demand and labor supply at the market and individual level. Topics include individual decisions to supply labor, compensating wage differentials, human capital investment, discrimination in labor markets, pay and productivity, and the role of labor unions.

ECN 580 - INTRODUCTION TO ECONOMETRICS
Semester Hours: 3

An introduction to the quantitative measurement and analysis of actual economic and business phenomena.

ECN 590 - SPECIAL PROJECTS
Semester Hours: 3

Faculty guided independent study in an area of interest to the student and faculty member.

ECN 600 - FOUNDATIONS OF ECONOMICS
Semester Hours: 3

This course covers the economic foundations in which businesses operate. Coverage includes output and pricing decisions of firms in various market structures; consumer and producer choice at the micro level; and macroeconomic issues, such as unemployment and inflation and government policy.

ECN 626 - MANAGERIAL ECONOMICS AND TECHNOLOGY
Semester Hours: 3

The principles of microeconomics are used to formulate and analyze problems and these principles are applied to business decisions. The course includes an introduction to regression analysis and forecasting. Basic international economic concepts and the importance of technology are explicitly introduced. Prerequisites: ECN 600 and MSC 600.