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## ECONOMICS (ECON)

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### **ECON 101 Principles of Microeconomics (3 credits)**

This course focuses on the theory and application of utility and demand, production, cost and market analysis. Satisfies the GER in Social Sciences. *Either semester*

### **ECON 102 Principles of Macroeconomics (3 credits)**

This course focuses on the theory and application of the following: national income analysis and determination, fiscal policy, monetary theory and policy and the Federal Reserve System. Satisfies the GER in Social Sciences. *Either semester*

### **ECON 201 Intermediate Microeconomic Theory and Policy (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

The theory of consumer behavior and demand, production and cost, the firm and market organization are discussed with emphasis placed on practical applications. *Fall semester*

### **ECON 205 Intermediate Macroeconomic Theory and Policy (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

A number of macroeconomic models are developed in this course, including the Keynesian, monetarist and rational expectations models. Economic theory is used to explore the nature and causes of business fluctuations and the desirability of various government policies. *Spring semester*

### **ECON 210 Quantitative Analysis for Economics (3 credits)**

*Prerequisite: MATH 141 and MATH 142; ECON 101 and ECON 102; or consent of the instructor*

Quantitative analysis discusses the following subjects: data collection and presentation, measures of central tendency and dispersion, probability, sampling, hypothesis testing, regression and correlation analysis. *Fall semester*

### **ECON 301 Industrial Organization (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

This course provides an analysis of the structure, conduct and performance of industries. Topics discussed include causes and measurement of market concentration, strategic behavior of firms and the development of public policies, such as antitrust and regulation, that affect business.

### **ECON 302 The Canadian Economy: A Comparative Approach (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

This course is an undergraduate introduction to the Canadian economy. It will provide the student with a brief, comparative overview of the size and structure of the Canadian and American economies, a close look at how the Canadian economy evolved from a resource to a modern industrial economy and a detailed study of the structure and institutions which make up the Canadian economy.

### **ECON 315 Money and Banking (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

The roles and functions of money and the banking system are discussed. Various monetary theories and the influence of monetary policy on the state of the economy are examined. *Fall and Spring semester*

### **ECON 320 Comparative Economic Systems (3 credits)**

The philosophical and structural foundations of capitalism and democratic socialism are studied. Emphasis is placed on a comparison of the American economy to the economies of other countries.

### **ECON 321 International Economics (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

Pure trade theory and its application to solving policy problems are covered in this course. Topics studied include balance of trade, balance of payments and monetary systems.

### **ECON 325 The Economy of Crime (3 credits)**

*Prerequisite: ECON 101 and 102 or consent of the instructor*

The topics covered by this course include the theoretical and empirical analysis of the economic causes of criminal behavior, the social costs of crime and its prevention and the design of law enforcement policies.

### **ECON/POLI 340 Law and Economics (3 credits)**

*Prerequisite: POLI 172 or POLI 285; and ECON 101*

This course examines the economic basis for legal decisions. Microeconomic theory is combined with an analysis of the law, with particular emphasis on case studies. Topics covered include the problems of defining property rights and the economics of tort, contract and criminal law.

**Note:** This section is arranged in course number order. See course prefix key for assistance in locating department sections.

**Note:** See Catalog Web Addenda at [www.bridgew.edu/catalog/addenda/](http://www.bridgew.edu/catalog/addenda/) as that information supersedes the published version of this catalog.

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**ECON 350 Urban Economic Problems and Policies (3 credits)**

*Prerequisite: ECON 101 and ECON 102, or consent of the instructor*

The economic aspects of selected urban problems such as housing, poverty, transportation, crime and the urban environment are analyzed. Public policies relating to these problems are discussed.

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**ECON 375 Labor Economics (3 credits)**

*Prerequisite: ECON 101 and ECON 102 or consent of the instructor*

This course analyzes the determination of wages and employment in the labor market. Applications of the theory include unemployment, discrimination, safety in the workplace and unions. Effects of government policies, such as comparable worth, affirmative action and health and safety regulations, are examined.

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**ECON 400 History of Economic Thought (3 credits)†**

*Prerequisite: ECON 101 and ECON 102*

An overview of the development of economic theory is presented in an historical context. The ideas of many important contributors to economic thought will be studied including those of Adam Smith, Karl Marx and John Maynard Keynes.

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**ECON 410 Mathematical Economics I (3 credits)†**

*Prerequisite: MATH 141, MATH 142, MATH 120, ECON 101, ECON 102 or consent of the instructor*

This course provides training in the use of calculus and other mathematical tools in comparative static analysis and the solving of optimization problems in economics.

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**ECON 411 Mathematical Economics II (3 credits)†**

*Prerequisite: ECON 410*

This course is a continuation of Mathematical Economics I. Topics will include dynamic analysis using the tools of integral calculus, difference and differential equations, linear programming and game theory.

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**ECON 420 Econometrics I (3 credits)†**

*Prerequisite: MATH 141, MATH 142, ECON 101, ECON 102; MATH 120 or ECON 410 and ECON 411; or consent of the instructor*

This course is an introduction to the methods of econometrics, including the two variable linear model, the generalized least squares estimator and auto-correlation.

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**ECON 421 Econometrics II (3 credits)†**

*Prerequisite: ECON 420*

This course is a continuation of Econometrics I. Topics discussed include stochastic regressors, instrumental variables, errors in variables, lagged variables and simultaneous equation methods.

† May be taken for graduate level credit.

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**ECON 430 Managerial Economics (3 credits)†**

*Prerequisite: ECON 205 and ECON 210 or consent of the instructor*

This course emphasizes the practical applications of micro and macroeconomic skills to real-life problems. Quantitative tools and case studies will be used to understand topics including demand, cost and output and pricing decisions in various market structures.

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**ECON 498 Internship in Economics (3-15 credits)**

*Prerequisite: Consent of department chairperson; formal application required*

A non-classroom experience designed for a limited number of junior and senior majors to complement their academic preparation. *Either semester*

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**ECON 499 Directed Study in Economics (1-3 credits)**

*Prerequisite: Consent of the department; formal application required*

Juniors and seniors who have demonstrated critical and analytical abilities in their studies may pursue an independent project under a faculty member's supervision. This course may be taken twice for a maximum of six credits. *Either semester*

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**ECON 502 Research (credit to be arranged)**

*Prerequisite: Consent of the department; formal application required*

This course consists of original research undertaken by the graduate student in his field of interest under the sponsorship of a faculty adviser. For details, consult the paragraph entitled "Independent Study" in the "Graduate and Continuing Education" section of this catalog. This course may be repeated

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**ECON 503 Directed Study (credit to be arranged)**

*Prerequisite: Consent of the department; formal application required*

This course is designed for the graduate student who desires to study selected topics in a specific field of interest under the direction of a faculty adviser. For details, consult the paragraph entitled "Independent Study" in the "Graduate and Continuing Education" section of this catalog. This course may be repeated.

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**ECON 510 Graduate Seminar in Domestic Economic Problems (3 credits)**

*Prerequisite: Consent of the instructor*

Individual research and group discussion are combined in this seminar on the problems of the American economy.

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**ECON 520 Graduate Seminar in International Economic Problems (3 credits)**

*Prerequisite: Consent of the instructor*

Individual research and group discussion are combined in this seminar on the problems of international economic relations.

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**ECON 531 Economics for Elementary Teachers  
(3 credits)**

*Prerequisite: A bachelor's degree and some background in elementary education*

This course focuses on the development of microeconomic and macroeconomic programs for elementary school students. Various materials and sources are introduced.

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**ECON 532 Economics for Secondary Teachers  
(3 credits)**

*Prerequisite: A bachelor's degree and some background in education*

This course focuses on the development of microeconomic and macroeconomic programs for secondary school students. Various materials and sources are introduced.

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**ECON 560 Special Topics in Economics (1-3 credits)**

Special topics of current relevance in economics will be offered from time to time. The topic to be addressed will be announced in pre-registration publications. May be taken more than once with the consent of the adviser. *Every semester*

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