<table>
<thead>
<tr>
<th>Catalog Course #</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1100.01</td>
<td>Current Economic Events in Historical Perspective</td>
<td>3</td>
</tr>
</tbody>
</table>
|                  | Introduction to economic analysis; historical background for interpreting current economic events. Discuss current issues in a historical context, including topics like taxes and unemployment. A one-course introduction to economics.  
Prereq: Not open to students with credit for 110.01. GE soc sci human, nat, and econ resources course. |              |
| 1100.02          | Freakonomics                                           | 3            |
|                  | Discuss current social problems and issues within an economics framework, including topics such as job discrimination and integration. A one-course introduction to economics.  
Prereq: Not open to students with credit for 110.02. GE soc sci human, nat, and econ resources course. |              |
| 2001.01          | Principles of Microeconomics                          | 3            |
|                  | Introduction to economic theory: supply and demand for goods, services, and factor inputs; market structure; international trade, the distribution of income. First required course for students planning to take 4000-level courses in Econ.  
Prereq: Not open to students with credit for 2001.02, 2001.03H, 200, 200H, or AEDEcon 2001 (200). This course is available for EM credit. GE soc sci human, nat, and econ resources course. SS Admis Cond course. |              |
| 2001.03H         | Principles of Microeconomics                          | 3            |
|                  | An advanced introduction to economic theory: supply and demand for goods, services, and factor inputs; market structure; international trade, the distribution of income. First required course for students planning to take 4000-level courses in econ.  
Prereq: Honors standing, or permission of instructor. Not open to students with credit for 2001.01, 2001.02 (200), or 200H, and AEDEcon 2001 (200) or 2001H (200H). GE soc sci human, nat, and econ resources course. |              |
| 2002.01          | Principles of Macroeconomics                          | 3            |
|                  | Introduction to the theory of national income determination; economic fluctuations; money; government policy; international economics.  
Prereq: Not open to students with credit for 2002.02, 2002.03H, 201, or 201H. This course is available for EM credit. GE soc sci orgs and polities course. |              |
| 2002.03H         | Principles of Macroeconomics                          | 3            |
|                  | An advanced introduction to the theory of national income determination; economic fluctuations; money; government policy; international economics.  
Prereq: Honors standing, or permission of instructor. Not open to students with credit for 2002.01, 2002.02 (201, 201H). GE soc sci orgs and polities course. |              |
| 2194             | Group Studies                                          | 1 to 3       |
|                  | Current problems not covered in other courses. Credit for Econ 294 counts against hour cap.  
Prereq: 2001.01, 2001.02, 2001.03H (200 or 200H), or equiv. Repeatable to a maximum of 7 cr hrs or 2 completions. |              |
| 2367.02          | Current Economic Issues in the United States           | 3            |
|                  | Study of problems currently facing the U.S. economy.  
Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H), or equiv, and English 1110 (110). Not open to students with credit for 367.02. GE writing and comm: level 2 and soc sci orgs and polities course. |              |
| 3001             | Economy, Polity, and Community                         | 3            |
|                  | Examines how different ways of thinking about human nature shape our understanding of philosophy, politics and economics.  
Prereq: Econ 2001.XX or 2002.01 or 2002.03H; and Philos 2400 or PolitSc 2400 or 2400H; and Econ 5001 or Philos 2500 or 5540 or PolitSc 4553 or 4553H; and Philos 3300; and Econ 3400 or IntStds 3400 or PolitSc 3780 or 3780H; and PolitSc 4280 or 4380. Not open to students with credit for Philos 3001 or PolitSc 3001. Cross-listed in Philos and PolitSc. |              |
| 3002             | Tradition, Progress, and Utopia                        | 3            |
Examine how different ways of thinking about social and political change shape our understanding of philosophy, and economics.

Prereq: Econ 2001.XX or 2002.01 or 2002.03H; and Philos 2400 or PolitSc 2400 or 2400H; and Econ 5001 or Philos 2500 or 5540 or PolitSc 4553 or 4553H; and Philos 3300; and Econ 3400 or IntStds 3400 or PolitSc 3780 or 3780H; and PolitSc 4280 or 4380. Not open to students with credit for Philos 3002 or PolitSc 3002. Cross-listed in Philos and PolitSc.

3048 Ethics and Social Responsibility in Economic Life 3

Examines the role of ethical norms and social constraints in determining economic outcomes.

Prereq: At least one of these courses, 1100.01 (110.01), 1100.02 (110.02), 1100.03 (110.03), 2001.01, 2001.02 (200), 2001.03H (200H), 2002.01, 2002.02 (201), or 2002.03H (201H), is recommended. Not open to students with credit for 348. GE soc sci indivs and groups course.

3400 The Analysis and Display of Data 3

Introduction to the analysis of data. Topics include sampling, data collection, probability, inference, random variables, display of data, correlation, and analysis of variance. This course does not count toward a course elective for Econ majors.

Prereq: Not open to students with credit for 4400 (444), 5410 (641), 5420 (642), 443, IntStds 3400 (443), Stat 1430 (133), 1450 (145), 2450 (245) or AEDEcon 2005 (205). GE data anly course. Cross-listed in IntStds.

3790 Economics of Crime 3

Investigates incentives and deterrents to criminal activity with respect to general economic conditions and analyzes the effectiveness of public policies designed to deter crime.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), or equiv. Not open to students with credit for 479.

3820 The Economics of Gender in Labor Markets 3

Application of economic analysis to the evolution and economic condition of women and men in the labor force; occupational distribution and segregation; wage gap; the glass ceiling.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), or equiv. Not open to students with credit for 482. GE diversity soc div in the US course.

3900.01S The Other Side of the Border: Immigration Economics 3

This is a service-learning opportunity with Esperanza International in Tijuana, Mexico. The course will introduce micro and macroeconomic issues related to immigration. This case study will focus on the opportunity costs for immigrants, the effects of the flow of money, and the loss of labor and human capital on economic growth. Students will work with the immigrant community.


4001.01 Intermediate Microeconomic Theory 3

Theory of consumer behavior; theory of the firm; costs and production; factor price determination; general equilibrium.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H), or equiv. Not open to students with credit for 4001.02 or 4001.03 (501.01 or 501.02).

4001.02 Intermediate Microeconomic Theory 3

Theory of consumer behavior; theory of the firm; costs and production; factor price determination; general equilibrium. Designates a calculus-based version.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H), and Math 1131 (132), 1151 (151), 1152 (152 and 153), 1161 (161 and 162), 2182H (263H), or 4181H (190H) or equiv; or permission of instructor. Not open to students with credit for 4001.01 (501.01) and 501.02 or 4001.03H.

4001.03 Intermediate Microeconomic Theory 3

Theory of consumer behavior; theory of the firm; costs and production; factor price determination; general equilibrium. Designates an advanced calculus-based version.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H), and Math 1131 (132), 1151 (151), 1152 (152 and 153), 1161 (161 and 162), 2182H (263H), or 4181H (190H) or equiv; or permission of instructor. Not open to students with credit for 4001.01 (501.01 and 501.02) or 4001.03H.

4002.01 Intermediate Macroeconomic Theory 3

Analysis of the determinants of national output; income and employment levels; theory of economic growth and progressive equilibrium in an economy.

Prereq: 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201 or 201H), or 2002.03H, or equiv. Not open to students with credit for 4002.02 (502.01 or 502.02) or 4002.03.

4002.02 Intermediate Macroeconomic Theory 3
### Analysis of the determinants of national output; income and employment levels; theory of economic growth and progressive equilibrium in an economy. Designates a calculus-based version.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (201H), and Math 1131 (132) or 1151 (151), 1152 (152 and 153), 1161 (161 and 162), 2182H (263H), or 4181H (190H), or equiv; or permission of instructor. Not open to students with credit for 4002.01 (502.01 or 502.02) or 4002.03.

#### 4002.03 Intermediate Macroeconomic Theory

Analysis of the determinants of national output; income and employment levels; theory of economic growth and progressive equilibrium in an economy. Designates an advanced calculus-based version.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (201H), and Math 1152 (152 and 153), 1161 (161 and 162), 2182H (263H), or 4181H (190H), or equiv; or permission of instructor. Not open to students with credit for 4002.01 (502.01) or 4002.02 (502.02).

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### 4050 Experimental Economics

Introduction to economics as an experimental social science. Students participate in and study results of economic experiments dealing with markets, individual decision making, and a broad array of game theoretic economic models.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H) or equiv. Not open to students with credit for 505.

#### 4050H

Introduction to economics as an experimental social science. Students participate in and study results of economic experiments dealing with markets, individual decision making, and a broad array of game theoretic economic models.

**Prereq:** 4001.01 (501.01), 4001.02 (501.02) or 4001.03, and Stat 1450 or 2450. Not open to students with credit for 4050 (505).

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### 4130 World Economic Development in Historical Perspective

A survey of economic development from the middle ages through the 20th century, emphasizing Europe, Asia and Africa.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), or 2002.01, 2002.02 (201) or 2002.03H (201H), or equiv. Not open to students with credit for 5130 (614), or 515. GE historical study and diversity global studies course.

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### 4140 Economic History of the Americas

A survey of economic development in the Americas emphasizing the United States from colonial times to the 20th century.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), or 2002.01, 2002.02 (201), or 2002.03H (201H), or equiv. Not open to students with credit for 5140 (613) or 516. GE historical study and diversity global studies course.

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### 4191 Internships

Allows students to apply knowledge from their economics courses and learn from hands on experience in approved positions. Applies toward an Econ 4000-level elective; 3 credit hours maximum toward major.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H), or equiv; and Jr or Sr standing; and enrollment in Econ major; and permission of department. Not open to students with maximum qtr cr hrs in 589. Repeatable to a maximum of 6 cr hrs or 2 completions. This course is graded S/U.

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### 4194 Group Studies

Intermediate current problems not covered in other courses.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H). Credit taken as 594 counts toward hour cap. Repeatable to a maximum of 10 cr hrs or 3 completions.

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### 4200 Money and Banking

Organization, operation, and economic significance of our monetary and banking system; special reference to current conditions and problems. Students intending to take 5200 are encouraged to take it instead.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), and 2002.01, 2002.02 (201), or 2002.03H (201H). Not open to students with credit for 4200H (520H), 5200, or 520.

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### 4300 Government Finance in the American Economy

Analysis of fiscal institutions and decision-making in the public sector of the American economy; budget planning and execution; taxation, debt, and fiscal policy.

**Prereq:** 2001.01, 2001.02 (200), or 2001.03H (200H), or equiv. Not open to students with credit for 530.

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### 4310 Local Public Finance

3
Financing public services by state/local governments. The fiscal relationship between state/local governments and the federal government. Apply techniques of economic analysis to policy issues. 
*Prereq: 4300 (530), or PubAfrs 7120 (730), or equiv. Not open to students with credit for 531, or PubAfrs 4310 (531). Cross-listed in PubAfrs.*

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<tr>
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<tr>
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<td>Public Expenditure and Cost-Benefit Analysis</td>
<td>3</td>
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<tr>
<td>4400</td>
<td>Elementary Econometrics</td>
<td>3</td>
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<tr>
<td>4500</td>
<td>Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>4537</td>
<td>Middle Eastern Economic Development</td>
<td>3</td>
</tr>
<tr>
<td>4553</td>
<td>Economics of Population</td>
<td>3</td>
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<tr>
<td>4560</td>
<td>Cooperation and Conflict in the Global Economy</td>
<td>3</td>
</tr>
<tr>
<td>4597.01</td>
<td>Issues of the Underground Economy</td>
<td>3</td>
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<tr>
<td>4700</td>
<td>Government and Business</td>
<td>3</td>
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<tr>
<td>4700H</td>
<td>Government and Business</td>
<td>3</td>
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<tr>
<td>4797</td>
<td>Study at a Foreign Institution</td>
<td>1 to 10</td>
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</table>
An opportunity for students to study at a foreign institution and receive Ohio State credit for that work. Students will pay Ohio State fees and any fees in excess of Ohio State tuition, as well as all travel and subsistence costs.

**Prereq:** Permission of dept chairperson. Repeatable to a maximum of 30 cr hrs or 30 completions. This course is progress graded (S/U).

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<tr>
<th>Course</th>
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<td>4800</td>
<td>Labor Economics and Industrial Relations</td>
<td>3</td>
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<tr>
<td>4830</td>
<td>Economics of Sports</td>
<td>3</td>
</tr>
<tr>
<td>4831</td>
<td>Sports Data Analytics and Economic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>4960H</td>
<td>Honors Seminar in Economics</td>
<td>3</td>
</tr>
<tr>
<td>4998</td>
<td>Undergraduate Research in Economics</td>
<td>1 to 6</td>
</tr>
<tr>
<td>4998H</td>
<td>Honors Research in Economics</td>
<td>1 to 6</td>
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<tr>
<td>4999</td>
<td>Undergraduate Thesis Research</td>
<td>1 to 5</td>
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<tr>
<td>4999H</td>
<td>Honors Thesis Research</td>
<td>1 to 5</td>
</tr>
<tr>
<td>5001</td>
<td>Game Theory in Economics</td>
<td>3</td>
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<tr>
<td>5130</td>
<td>Economic History of Western Europe</td>
<td>4</td>
</tr>
</tbody>
</table>
Survey of economic development of Europe from pre-industrialization to current globalization. Emphasis on critical analysis of long-run factors in economic growth.

**Prereq:** 4400 (444), 5410 (641), or Stat 2450 (245), and Econ 4001.01 (501.01), 4001.02 (502.02), or 4001.03, and 4002.01 (502.01), 4002.02 (502.02), or 4002.03, or equiv; or Grad standing. Not open to students with credit for 614.

**5140 Economic History of the United States** 4

General survey from discovery of America to present; European economic background; westward movement and its effects; development of economic institutions in the United States.

**Prereq:** 4400 (444), 5410 (641), 4001.01 (501.01), 4001.02 (502.02), 4001.03, and 4002.01 (502.01), 4002.02 (502.02), or 4002.03, or Stat 2450 (245), or equiv; or Grad standing. Not open to students with credit for 613.

**5150 Economic Transitions in the 20th Century** 4

General survey of economic aspects of developing economies. Transitions from central planning to markets and from underdevelopment to industrialization in the twentieth century are emphasized.

**Prereq:** 4400 (444), 5410 (641), or Stat 2450 (245), and 4001.01 (501.01), or 4001.02 (501.02), or 4001.03, and 4002.01 (502.01), 4002.02 (502.02), or 4002.03 or equiv; or permission of instructor. Not open to students with credit for 615.

**5193 Individual Studies** 1 to 10

Advanced readings in economics and related fields.

**Prereq:** Jr standing or higher; and an average of B or better in all econ courses; and a CPHR of 3.00 or above. Repeatable to a maximum of 10 cr hrs or 10 completions. This course is graded S/U.

**5194 Group Studies** 1 to 5

Advanced current problems not covered in other courses.

**Prereq:** 4001.01 (501.01), 4001.02 (501.02), or 4001.03, or equiv. Repeatable to a maximum of 10 cr hrs or 10 completions.

**5250 National and International Money Markets** 3

Organization, functions, and control of money markets and their submarkets; flow of funds in these markets and investment policies of market participants.

**Prereq:** 4400 (444), or 5410 (641), and 4001.01 (501.01), 4001.02 (501.02), or 4001.03, and 4002.01 (502.01), 4002.02 (502.02), or 4002.3, or Stat 2450 (245), or equiv. Not open to students with credit for 625.

**5261 Financial Economics I** 3

Examination of the evolution of and economic issues facing financial markets, financial institutions, and financial market participants. Does not count as course credit towards the completion of a business major.

**Prereq:** 4001.01, 4001.02, or 4001.03, and 4002.01, 4002.02, or 4002.03, and Math 1151, 1152, 1161, or 2182H, or equiv.; or Grad standing.

**5262 Financial Economics II** 3

Examination of academic literature and econometric analysis of topics involving financial markets, financial institutions, and financial market participants. Does not count as course credit towards the completion of a business major.

**Prereq:** 4001.01, 4001.02, or 4001.03, and 4002.01, 4002.02, or 4002.03, and 5261, and Math 1151, 1152, 1161, or 2182H, or equiv.; or Grad standing.

**5410 Econometrics I** 3

The general linear regression model; multiple correlation, path analysis, analysis of variance and tests of significance; specification errors.

**Prereq:** 4001.01 (501.01), 4001.02 (501.02), or 4001.03, and Stat 2450 (245), 4201, 4202 (420, 421), or 3470 (427, 428), or equiv. Not open to students with credit for 641, 444, or 440.

**5420 Econometrics II** 3

Discrete choice models, panel data, endogeneity, instrumental variables, and systems of equations; stationary and nonstationary time series; applications in various fields of economics. Continuation of 5410.

**Prereq:** 5410 (641) and 4002.01, 4002.02 (502.01), or 4002.03 (502.02), or PubAfrs 7571, or equiv. Not open to students with credit for 642.

**5650 International Commodity Flows: Theory and Policy** 3

Comparative advantage and the gains from trade; tariffs and other trade restrictions; economic effects of protective policies; U.S. commercial policies; regional economic integration.

**Prereq:** 4001.01 (501.01), 4002.01 (502.01), 4001.02 (501.02), 4002.02 (502.02), 4001.03, or 4002.03; and 4400 (444), 5410 (641), or Stat 2450 (245) or equivs. Not open to students with credit for 665.

**5660 Financial Aspects of International Trade** 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prerequisites</th>
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<tbody>
<tr>
<td>5700</td>
<td>Industrial Organization</td>
<td>3</td>
<td>Nature, role, and regulation of competition; market structure and social performance; antitrust laws; current economic, legal, and policy problems in the antitrust area.</td>
<td>Prereq: 4400 (444), 5410 (641), or Stat 2450 (245), and 4001.01 (501.01), 4001.02 (501.02), or 4001.03, or equiv; or Grad standing. Not open to students with credit for 670.</td>
</tr>
<tr>
<td>5720</td>
<td>Comparative Institutional Analysis of Firms and Markets</td>
<td>3</td>
<td>Applications of economic analysis to industrial organizations including the firm's internal incentive structure, labor markets, and financial institutions, of major market economies such as U.S., and Japan from comparative perspectives.</td>
<td>Prereq: 4001.01 (501.01), 4001.02 (501.02), or 4001.03, or equiv; or Grad standing. Not open to students with credit for 672.</td>
</tr>
<tr>
<td>5850</td>
<td>Labor Economics</td>
<td>3</td>
<td>Advanced study of the labor market including labor demand and supply, wage determination, and unemployment.</td>
<td>Prereq: 4400 (444), 5410 (641), or Stat 2450 (245); and 4000.01 (500.01), 4000.02 (500.02), or 4000.03, or equiv. Not open to students with credit for 685.</td>
</tr>
<tr>
<td>5860</td>
<td>Health Economics</td>
<td>3</td>
<td>An introductory course to the field of health economics. Students will apply concepts from introductory and intermediate microeconomics to problems that are faced in health and medical care. The focus is on individual demand for medical care; health insurance; markets for; and institutional features of, health care providers; measuring and pricing quality, and healthcare reform.</td>
<td>Prereq: 4001.01, 4001.02, or 4001.03. Prereq or concur: Stat 1450 or 2450.</td>
</tr>
<tr>
<td>5870</td>
<td>Neuroeconomics and Decision Neuroscience</td>
<td>3</td>
<td>The focus of this course will be on the psychology and neuroscience underlying economic behavior. Discussion will cover various domains of economic decision making and what Neuroeconomics has taught us about them.</td>
<td>Prereq: AEDEcon 2005, Stat 1450, 2450, Psych 2220, or Econ 3400; and Math 1148 or higher; and Econ 4001.01, 4001.02, 4001.03, AEDEcon 4001, Psych 3313, 3513, or 4508. Not open to students with credit for Psych 5870. Cross-listed in Psych.</td>
</tr>
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</table>