Program

BA in Economics
  Option in Economics
  Option in Environmental Economics
  Option in International Economics

Minor in Economics

A BA in Economics provides a range of exciting career prospects in the private and public sectors. Graduates with economics degrees are highly marketable because they learn an analytic approach to solving problems. The BA in Economics provides an excellent background for graduate programs in economics, business, law, and urban planning. The economics major is also attractive to students who seek a broad liberal arts background. Majors in economics at CSU Chico have the opportunity to pursue semester or year-long study-abroad programs.

Curriculum

Students may choose classes ranging from those with a historical perspective, such as History of Economic Thought, to those which use quantitative techniques, such as Economic Forecasting. Students may complete a BA in Economics, a BA in Economics with an Option in Environmental Economics, or a BA in Economics with an Option in International Economics. Small senior-level classes allow students to know their professors well. The Economics Department is committed to using the latest technology. The curriculum is periodically reviewed and adjusted to be responsive to changing national and international conditions and to student needs and preferences. Exceptional students may participate in the Honors Program in Economics.

Internship Credit

Internship credit may be arranged for students seeking practical experience related to the field of economics. A maximum of three units of internship credit may be applied to complete the major. Economics majors have held internships ranging from stock brokerage firms in Chico to the United States Agency for International Development in Washington DC.

Double Major and Economics Minor

Students may earn a double major in economics and one of the business majors without doubling unit requirements as some courses count toward both majors. A double major in economics and social sciences satisfies the requirements to enter a teaching credential program and to prepare to teach economics at the high school level. A minor in economics enhances employment opportunities for students with majors in communications, environmental studies, journalism, education, geography, planning, business, international relations and a variety of other fields.

Faculty

The economics faculty uses a combination of diverse approaches in conjunction with numerous applied case studies to provide students with a broad and in-depth exposure to the discipline. The faculty holds doctoral degrees from prestigious American graduate programs, is actively involved in publishing and grants, is involved in local economic issues, and places undergraduate teaching and learning as its highest priority.

Career Outlook

There is a strong demand for those with a BA in Economics in the business, finance, banking, planning, marketing and insurance areas. At the local, state, and federal levels, economics majors compete extremely well for jobs in the public sector. There are excellent opportunities for economics majors with courses and options in environmental and international economics. There is an increasing demand for teachers of high school economics. Economics is an excellent major for those planning to enter law school. Economics majors earn more on an annual basis and have higher lifetime earnings than other majors in the social science. Economics majors with mathematics, statistics, or computer skills are in very high demand and command substantial starting salaries. The career outlook for those with a BA in Economics is very positive.
THE BACHELOR OF ARTS IN ECONOMICS

Total Course Requirements for the Bachelor's Degree: 120 units

See "Requirements for the Bachelor's Degree" in The University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

The department has prepared a suggested Four Year Advising Plan to help students meet all graduation requirements within four years. Please request a plan from your major adviser or view it and other current advising information on the CSU, Chico Web.

General Education Requirements: 48 units

See "General Education Requirements" in The University Catalog and The Class Schedule for the most current information on General Education Requirements and course offerings. The course requirements marked below with an asterisk (*) may also be applied toward General Education.

Cultural Diversity Course Requirements: 6 units

See "Cultural Diversity" in The University Catalog. Most courses used to satisfy these requirements may also apply to General Education.

American Institutions Requirement: 6 units

See the "American Institutions Requirement" under "Bachelor's Degree Requirements." This requirement is normally fulfilled by completing HIST 050 and POLS 055. Courses used to satisfy this requirement do not apply to General Education.

Literacy Requirement:

See "Mathematics and Writing Requirements" in The University Catalog. Writing proficiency (WP) is demonstrated by satisfactory completion of a course in your major which has been designated as the Writing Proficiency (WP) course for the semester in which you take the course. Students who earn below a C- are required to repeat the course and earn a C- or better to receive WP credit. See The Class Schedule for the designated WP courses for each semester. You must pass ENGL 001 (or its equivalent) with a C- or better before you may register for a WP course.

Course Requirements for the Major: 41-57 units

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

In addition to completing the degree core courses, all students must complete the Option in Economics, the Option in Environmental Economics, or the Option in International Economics to fulfill degree requirements.

DEGREE CORE COURSES: 23-24 units

Lower Division: 12-13 units

2 courses required:

ECON 002 Principles of Macro Analysis 3.0 FS *
ECON 003 Principles of Micro Analysis 3.0 FS *

1 course selected from:

CSCI 054 Intro to Applications Prog 3.0 FS
Prerequisites: CSCI 015A
MINS 110 Corporate Tech Integration 3.0 FS
SOC 010 Computer Applications for BSS 3.0 FS

1 course selected from:

MATH 007A Analytic Geometry and Calculus 4.0 FS *
Prerequisites: Completion of ELM requirement; both MATH 004 and MATH 006 (or high school equivalent); a score that meets department guidelines on a department administered calculus readiness exam.
MATH 009 Survey of Calculus 3.0 FS *
Prerequisites: Completion of ELM requirement. This course is not intended for majors in mathematics, physics, chemistry, or engineering.

OR you may substitute:

Any upper-division ECON course that is not taken to satisfy any other requirement.

NOTE: MATH 007B is strongly recommended for students planning on graduate study.

Upper-Division: 11 units

2 courses required:

ECON 101 Microeconomic Analysis 3.0 FS
Prerequisites: ECON 003.
ECON 102 Macroeconomic Analysis 3.0 FS
Prerequisites: ECON 002.

1 course selected from:

BADM 003 Statistics of Business & Econ 3.0 FS
Prerequisites: For Business Administration majors: MATH 045.
For others: Completion of General Education Breadth Area A4 requirement.
This course is the same as MATH 047 which may be substituted.
ECON 180 Economic Statistics 3.0 FS
Prerequisites: ECON 002.
MATH 005 Statistics 3.0 FS *
Prerequisites: Completion of ELM requirement.
MATH 047 Statistics of Business & Econ 3.0 FS
Prerequisites: For business administration students: MATH 045.
For other students: completion of General Education Breadth Area A4 requirement.
This course is the same as BADM 003 which may be substituted.

2 units required:

ECON 295 Economic Literature 1.0 FS
Prerequisites: ENGL 001 (or its equivalent) with a grade of C- or higher, ECON 002, ECON 003.

Majors must take ECON 295 twice, each time with a different instructor, to fulfill the writing proficiency requirement.

Major Option Course Requirements: 18-33 units

The following courses, or their approved transfer equivalents, are required dependent upon the option chosen. Students must select one of the following options for completion of the major course requirements.

THE OPTION IN ECONOMICS: 18 units

The BA in Economics with an Option Economics is designed for those seeking a structured program in economics and flexibility in selecting a set of 100- and 200-level economics courses to complete the major. Those declaring this option complete the core courses listed above and additional courses in economics.

9 units required:

Any upper-division Economics (ECON) courses. Some limitations exist as to specific courses that may be applied toward the economics major. See catalog course descriptions. A maximum of 3 units of internship (ECON 189) credit may be applied to the economics major.

9 units required:

Any 200-level Economics (ECON) courses with the prerequisite of ECON 101 or ECON 102. ECON 297 pro seminar courses will count as 200-level economics courses only if the ECON 297 has an ECON 101 or ECON 102 prerequisite.

THE OPTION IN ENVIRONMENTAL ECONOMICS: 30-33 units

The BA in Economics with an Option in Environmental Economics is designed for those seeking a structured program in economics with an emphasis in environmental economics. Those declaring this option complete the core courses listed above, additional courses in economics (see below), and selected courses outside the Department of Economics.

Economics Courses: 12 units

3 courses required:

ECON 165 Environmental Economics 3.0 FS
ECON 265 Economics of Energy 3.0 SP
Prerequisites: ECON 101.
ECON 297 Environmental & Resource Econ 3.0 FS
Prerequisites: ECON 101.

1 course selected from:

ECON 155 Economics of Gov Regulations 3.0 FS
Prerequisites: ECON 003.
ECON 262 Urban-Regional Economics 3.0 FS
Prerequisites: ECON 101.

NOTE: ECON 155 and ECON 262 appear on two selection lists for the Option in Environmental Economics. Whichever course is not selected from the above choice may be taken to fulfill requirements for the second listing where it appears. Either course may be used to fulfill the requirement in both selection lists where it appears.
Environmental Economics Electives: 18-21 units
2 courses selected from:

Select one course from two different subjects.

**Biophysics:**
- BIOL 001 Concepts of Biology 3.0 FS *
- BIOL 006A Principles of Biology 4.0 FS
  Prerequisites: Recommend CHEM 037 or concurrent enrollment.
- BIOL 008 Principles of Biology 3.0 FS *
  Prerequisites: High school biology and chemistry.
- BIOL 134 Conservation Ecology 3.0 FS *
  Prerequisites: BIOL 001 or equivalent.
- BIOL 142 Field Biology 3.0 FS
  Prerequisites: BIOL 001 or BIOL 008.

**Chemistry:**
- CHEM 004 Chemistry and Current Issues 3.0 FS *
- CHEM 027 Gen Chem for Applied Sciences 4.0 FS *
  Prerequisites: Intermediate Algebra.
- CHEM 037 General Chemistry 4.0 FS *
  Prerequisites: Second-year high school algebra; one year high school chemistry or CHEM 016. (One year of high school physics and one year of high school mathematics past Algebra II are recommended.)

**Geoscience:**
- GEOS 130 Environmental Science 3.0 FS *
  Prerequisites: One course from Breadth Area B1 and one course from Breadth Area B2 of the General Education requirements.
- GEOS 140 Environmental Geology 3.0 FS *
  Prerequisites: One course from Breadth Area B1 and one course from Breadth Area B2 of General Education requirements.
- GEOS 142 Concepts in Earth/Space Science 3.0 FS
  Prerequisites: GEOS 041 or faculty permission.
- GEOS 170 Energy in the Human Environment 3.0 SP *
  Prerequisites: One course from Breadth Area B1.

4 courses selected from:
- ABUS 080 Intro to Ag Business/Economics 3.0 FS
- ABUS 184 Natural Resource Economics 3.0 Inq
  Prerequisites: ABUS 080 or faculty permission.
- BIOL 258 Fundamentals of Ecology 4.0 FS
  Prerequisites: BIOL 006B. Some taxonomic background is recommended.
- ECON 155 Economics of Gov Regulations 3.0 FS
  Prerequisites: ECON 003.
- ECON 189 Internship 1.0-6.0 FS
  If ECON 189 is selected, it must be taken for 3 units.
- ECON 262 Urban-Regional Economics 3.0 FS
  Prerequisites: ECON 101.
- GEOG 104 Environmental Issues 3.0 FS *
- GEOG 120 Community and Rural Planning 3.0 FA
- GEOG 227 Environmental Impact Analysis 3.0 FS
  Prerequisites: GEOG 120 or equivalent.
- HIST 150 American Environment 3.0 SP *Eth
- PHIL 146 Environmental Ethics 3.0 FS *
- PHIL 220 Ethics & Environmental Sciences 3.0 Inq
  This course is the same as R S 220 which may be substituted.
- POLS 261 Environmental Politics/Policy 3.0 SP
- POLS 268 Planning Law 3.0 SP
- R S 149 Cross-Cultural Environ Ethics 3.0 FS *
- R S 220 Ethics & Environmental Sciences 3.0 Inq
  This course is the same as PHIL 220 which may be substituted.

**Culture/Language Recommendation:**
Those selecting this option are strongly encouraged to complete one or more of the following:
An intermediate foreign language course.
A study-abroad program.
Either the cultural immersion in Mexico (fall semester) or Costa Rica (spring semester) offered by the Latin American studies and geography programs.
An international internship outside the United States.

**Electives Requirement:**
To complete the total units required for the bachelor's degree, select additional elective courses from the total university offerings. You should consult your advisor regarding the selection of courses so it will provide breadth to your university experience and apply to a supportive second major or minor.
Double Majors
Economics majors may complete a second major and count part of their economics courses to complete that major. For those seeking a double major in Economics and another discipline, please contact the Economics Department for advising.

Grading Requirement:
All courses taken to fulfill major course requirements must be taken for a letter grade, except those courses specified by the department as Credit/No Credit grading only.

Advising Requirement:
Advising is mandatory for all majors in this degree program. Consult your undergraduate adviser for specific information.

Honors in the Major
Honors in the Major is a program of independent work in your major. It involves 6 units of honors course work completed over two semesters. Your Honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair. Most importantly, however, the Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the university for submission in professional journals, presentation at conferences, or competition in shows; such experience is valuable for graduate school and later professional life.

Some common features of Honors in the Major program are
1. You must take 6 units of Honors in the Major course work. At least 3 of these 6 units are independent study (299H) as specified by your department. You must complete each class with a minimum grade of B.
2. You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements carefully, as there may be specific courses that must be included in these units.
3. Your cumulative GPA should be at least 3.5 or within the top 5 percent of majors in your department.
4. Your GPA in your major should be at least 3.5 or within the top 5 percent of majors in your department.
5. Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
6. Your honors work culminates with a public presentation of your Honors project.

While Honors in the Major is part of the Honors Program, each department administers its own program. Please contact your major department or major adviser for further information.

In addition to the common requirements for the Honors in the Major program given above, the Honors in Economics program includes the following:
1. A faculty member must recommend you.
2. You must submit an application for this program. Please contact the Economics Department.
3. Students who are admitted to the department’s Honors in the Major program must complete 3 units of ECON 210H, ECON 231H, ECON 235H, ECON 240H, ECON 250H, ECON 262H, ECON 266H, ECON 270H, ECON 281H, or ECON 283H with a grade of B or better. Unless other arrangements are made, the professor instructing the above course becomes your faculty mentor for that semester. In this course, you will define a research problem or performance area and develop an Honors Research Project/Thesis proposal in preparation for work in ECON 299H. Additional mentoring by the instructor assigned to ECON 299H will take place during the spring semester only.
4. You must maintain a minimum GPA of 3.0 in your senior year.

The Minor in Economics
Course Requirements for the Minor: 21 units
The following courses, or their approved transfer equivalents, are required of all candidates for this minor.
2 courses required:
ECON 002 Principles of Macro Analysis 3.0 FS *
ECON 003 Principles of Micro Analysis 3.0 FS *
15 units selected from:
Any upper-division Economics (ECON) courses, excluding ECON 189 and ECON 199, with the following recommendations.
Electives Recommended for Business Majors are:
ECON 101, ECON 102, ECON 103, ECON 130, ECON 135 or ECON 235, ECON 140 or ECON 240, ECON 142, ECON 150 or ECON 250, ECON 152, ECON 155, ECON 262, ECON 170 or ECON 270, and ECON 176.
Electives Recommended for Mathematics and Computer Science Majors are:
ECON 101, ECON 102, ECON 103, ECON 281, ECON 282, and ECON 283.
Electives Recommended for History and Sociology Majors are:
ECON 105, ECON 110, ECON 120, ECON 135, ECON 140, ECON 142, ECON 150, ECON 152, ECON 155, ECON 160, ECON 165, ECON 170, ECON 175, ECON 176, ECON 210, ECON 211, and ECON 213.
Electives recommended for Journalism and Media Arts Majors are:
ECON 002, ECON 003, ECON 130, ECON 135, ECON 140, ECON 142, ECON 150, ECON 152, ECON 155, ECON 160, ECON 165, ECON 170, and ECON 176.
Electives recommended for Public Relations Majors are:
ECON 002, ECON 003, ECON 103, ECON 130, ECON 135, ECON 140, ECON 140, ECON 142, ECON 152, ECON 155, ECON 165, ECON 170, and ECON 176.

The Faculty
Ronald G. Adams, 1971, Professor, PhD, Kansas St.
John C. Eckalbar, 1978, Professor, PhD, U Colorado.
Robert B. Fischer, 1968, Professor Emeritus, PhD, U Oregon.
Gary E. Francis, 1967, Professor Emeritus, PhD, U Colorado.
Barney F. Hope, 1977, Professor, PhD, UCR.
Robert G. James, 1981, Professor, PhD, U Oregon.
Mark J. Morlock, 1980, Professor, PhD, WA State U.
John Orr, 1970, Professor Emeritus, PhD, U WI.
James K O’Toole, 1984, Professor, PhD, VA Tech.
Michael A. Perelman, 1971, Professor, PhD, UC Berkeley.
Frederica Shockley, 1978, Professor, PhD, Georgia St.
John G. Smale Jr., 1948, Professor Emeritus, PhD, UC Berkeley.
Economics Course Offerings

Please see the section on “Course Description Symbols and Terms” in The University Catalog for an explanation of course description terminology and symbols, the course numbering system, and course credit units. All courses are lecture and discussion and employ letter grading unless otherwise stated. Some prerequisites may be waived with faculty permission. Many syllabi are available online on the Chico Web.

ECON 001 Introduction to Economics 3.0 Fa/Spr
A non-technical introduction to economics with coverage of both microeconomics and macroeconomics. Overview of the evolution of economic concepts and ideas. Application of economics to current problems such as inflation, unemployment, the financial sector, the economics of regulation, market imperfections, environmental problems, and international economics. Consumer decision making and different market models are included. (Can be substituted for ECON 002 in the major if students also take ECON 130 as one of their 100-level electives.) This is an approved General Education course.

ECON 002 Principles of Macroeconomic Analysis 3.0 Fa/Spr
An introductory survey of macroeconomic analysis. Use of fundamental economic concepts to analyze the over-all economy. Determination of gross national product, rates of unemployment, problems of inflation, recession, and the use of governmental policies. Discussion of current problems. This is an approved General Education course. CAN ECON 2.

ECON 002H Principles of Macroeconomic Analysis 3.0 Fa/Spr
Prerequisites: Admission to the Honors Program.
An introductory survey of macroeconomic analysis. Use of fundamental economic concepts to analyze the over-all economy. Determination of gross national product, rates of unemployment, problems of inflation, recession, and the use of governmental policies. Discussion of current problems. This is an approved General Education course.

ECON 003 Principles of Microeconomic Analysis 3.0 Fa/Spr
An introductory survey of microeconomic analysis. Analysis of individual economic units: household, firms, and markets. Analysis of individual decision making. Supply and demand analysis. Type of market organization: competition, oligopoly, and monopoly. Discussion of current problems. This is an approved General Education course. CAN ECON 4.

ECON 101 Microeconomic Analysis 3.0 Fa/Spr
Prerequisites: ECON 003.
Microeconomics examines the economic behavior of individual decision-making agents, such as consumers, resource owners, and firms. The goal of this course is to build a theoretical foundation to study various applied fields in economics and management (such as international trade, public finance, labor, or environmental economics). Topics include consumer theory, production and cost analysis, theories of the firm and markets, and welfare economics.

ECON 102 Macroeconomic Analysis 3.0 Fa/Spr
Prerequisites: ECON 002.
An extension of microeconomic concepts and principles relating to short-term stabilization policies, long-term growth questions, fiscal and monetary theory and policy, international dimensions, and problems of inflation, deflation, unemployment, productivity, and growth. Theories and models are used to examine, develop, and analyze macroeconomic issues, problems, and policies.

ECON 103 Managerial Economics 3.0 Fa/Spr
Prerequisites: ECON 003. A course in basic statistics is recommended.
The application of microeconomic theory and computer simulation models in business decision-making. Demand theory and forecasting. Production theory and cost. Market structure and pricing. Decision-making under uncertainty. This course is recommended for students who feel comfortable exploring new computer applications.

ECON 105 Roots of Modern Economic Thought 3.0 Fa/Spr
Prerequisites: ECON 001 or ECON 002.
A historical survey of major economic theories developed by various schools of economic thought, including preclassical, classical, neoclassical, Marxian, and Keynesian. Reviews the writings of major economic figures. (May not be counted for credit toward a major in Economics if ECON 210 is used.) This is an approved General Education course.

ECON 107 Economics of the Future 3.0 Fa/Spr
A survey of the economic challenges facing the future U.S. economy. Topics covered include the impact of technological and financial innovations, environmental limitations and opportunities, and changing work relations.
ECON 176 Economics of the Pacific Rim 3.0 Fa/Spr  
Prerequisites: ECON 001 or ECON 002 or faculty permission.  
A survey and analysis of economic development in the Pacific Rim and  
its linkages with politics, history, society, and foreign policy. Topics cov-  
ered include trade, tariffs, subsidies, balance of payments, savings, in-  
vestment, government deficits, environment, agricultural economics, and  
economic growth. This is an approved General Education course. This is  
an approved Non-Western Course.

ECON 180 Economic Statistics 3.0 Fa/Spr  
Prerequisites: ECON 002.  
Introduction to analyzing economic data. Probability sampling. Statistical  
testing and procedures. Correlation and regression analysis.

ECON 189 Internship in Economics 1.0-6.0 Fa/Spr  
This course is an internship offered as 189A-F for 1.0 to 6.0 units respec-  
tively. You must register directly with a supervising faculty member. Field  
experience in working with economic data designed to complement the  
thoretical classroom curriculum and to give students work experience  
related to their studies. Placements are limited, so students must be  
screened. Units are dependent upon the number of hours in the field.  
May be repeated up to a maximum of 15 units. No more than 3 units  
can be counted toward 100-level Economics major requirement.

ECON 199 Special Problems 1.0-3.0 Fa/Spr  
This course is an independent study of special problems and is offered as  
199A-C for 1.0 to 3.0 units respectively. You must register directly with a  
supervising faculty member. Credit/No credit grading only.

ECON 210 The History of Economic Thought 3.0 Fa/Spr  
Prerequisites: ECON 101.  
Survey of the development of economic philosophy and its relevance to  
social and political development and issues. (May not be counted for  
credit toward a major in Economics if ECON 105 is used.)

ECON 211 Social and Institutional Economics 3.0 Fa/Spr  
Prerequisites: ECON 101.  
A study of institutional economics as an indigenous school of American  
economic thought, focusing on Veblen, Mitchell, Commons, Ayres,  
Polanyi, Galbraith, and Boulding. Explorations in interdisciplinary studies,  
moving toward a social theory of the economy.

ECON 213 Marxist Economic Theory 3.0 Fa/Spr  
Prerequisites: ECON 101.  
An analysis of the economic theories of Karl Marx and Marxist econo-  
mists with an emphasis on how these theories relate to economic con-  
licts, crises, and transformations; contrasts to orthodox economic ideas  
and theories; analysis of 20th century economic problems, and prospects  
for the future.

ECON 231 Theory of Money 3.0 Spring  
Prerequisites: ECON 102.  
A survey course of monetary theories. The role of money in general equilib-  
rium and exchange theory. Money in the classical system. Keynes’ theory of  
money, monetarism.

ECON 235 Public Finance: Theory and Policy 3.0 Fa/Spr  
Prerequisites: ECON 101.  
Emphasizes fiscal functions (e.g., resource allocation and income distribu-  
tion) rather than fiscal institutions, rationale for the existence of the public  
sector treated both historically and theoretically, taxing and expenditure  
policies and procedures, with applied research on current topics.

ECON 240 Labor Economics 3.0 Fa/Spr  
Prerequisites: ECON 101.  
A study of labor movement theory in a historical and philosophical  
framework.

ECON 250 Industrial Organization 3.0 Fa/Spr  
Prerequisites: ECON 101.  
The structure, conduct, and performance of American industry and its re-  
lationship to oligopoly theory. Economic evaluation of antitrust laws and  
their enforcement. In-depth analysis of specific U.S. industries.

ECON 262 Urban-Regional Economics 3.0 Fa/Spr  
Prerequisites: ECON 101.  
Theory of location of economic activities. Land use. Systems of cities and  
regions. Regional structure and growth. Spatial aspects of urban areas  
and urban problems.

ECON 265 Economics of Energy 3.0 Spring  
Prerequisites: ECON 101.  
Analysis of petroleum markets and the likely trend in prices. Alternatives  
to petroleum and increasing dependence on OPEC, including conservation  
technologies, efficiency improvements in conventional energy production,  
and the potential for expanded use of renewable energy resources. Public  
utility deregulation and the impact on the efficient use of energy.

ECON 266 Environmental and Natural Resource Economics 3.0 Fa/Spr  
Prerequisites: ECON 101.  
Economic theory and policy concerning optimization of resource use and  
pollution abatement. Incentive systems for generating optimum pollution  
abatement. Efficiency, safety, and sustainability standards as criteria defin-  
ing the appropriate level of environmental preservation. Economically effi-  
cient rates of consumption for renewable and non-renewable resources.  
Case studies in resource exploitation assessing whether current use rates  
deviate from the optimum.

ECON 270 International Economics 3.0 Fa/Spr  
Prerequisites: ECON 101.  
Economic problems arising out of economic relations and interactions  
among nations. Current theory of international trade, capital flows, and  
finance. International economic institutions and their relationship to  
American foreign policy.

ECON 281 Introductory Econometrics 3.0 Fa/Spr  
Prerequisites: ECON 101; ECON 102; ECON 180  
Use of mathematics and statistics to design and test econometric models.

ECON 282 Introductory Mathematical Economics 3.0 Fa/Spr  
Prerequisites: ECON 101; ECON 102.  
Analysis of topics in economic theory, using calculus and other mathemati-  
cal techniques. Input-output analysis, linear programming, and game theory.

ECON 283 Economic Forecasting 3.0 Fa/Spr  
Prerequisites: ECON 102; ECON 104 or equivalent.  
Survey of methods of economic forecasting, including leading indicators,  
surveys, time series, and regression.

ECON 290 Economic Education 3.0 Fa/Spr  
Prerequisites: ECON 003.  
An applied analysis of economic concepts relevant to economic educators.  
Topics include scarcity, economic systems, supply and demand, decision-  
making, market structure, externalities, public goods, productivity, income  
distribution, gross national product, inflation, unemployment, banking,  
macroeconomic policy, and international economics. This course is a  
combination of theory and resource material. (Will not count toward the  
Economics major.)

ECON 295 Economic Literature 1.0 Fa/Spr  
Students review selected economic literature and complete written reports  
that relate readings to their area of interest in economics. Occasional class  
meetings will provide opportunities for in-class writing and feedback from  
other students. Majors, except those in the Honors program, must take two  
1-unit courses with different instructors to fulfill the literacy requirement.  
Students in Honors in the Major program may substitute ECON 299H for 2  
units of ECON 295. You may take this course more than once for a maxi-  
mum of 6.0 units. This is a writing proficiency, WP, course; a grade of C-  
or better certifies writing proficiency for majors.

ECON 297A Proseminar in Economics 3.0 Fa/Spr  
Prerequisites: ENGL 001 (or its equivalent) with a grade of C- or higher.  
A seminar offering opportunities to track major or minor sequences and  
explore special topics in Economics. Emphasis on reading, writing,  
reflecting, discussing, and research project on a topic approved by the  
course instructor. In ECON 297A, students complete the project undertaken  
in the first semester and meet all course requirements for ECON 297A.  
Because ECON 297A is a writing proficiency course, students completing  
this course with a B or better are not required to take ECON 295. You may  
take this course more than once for a maximum of 6.0 units. This is a  
writing proficiency, WP, course; a grade of C- or better certifies writing  
proficiency for majors.

ECON 299H Honors Independent Study in Economics 3.0 Fa/Spr  
Prerequisites: Admission to Honors in Economics Program; ENGL 001 (or its  
equivalent) with a grade of C- or higher, ECON 101 or ECON 102; faculty permission.  
In the semester preceding enrollment in ECON 299H, students complete a  
200-level economics class with a designation of “H,” complete all course re-  
quirements, and earn a grade for this class of B or higher. As part of the  
200-level “H” class, students undertake an undergraduate honors-level re-  
search project on a topic approved by the course instructor. In ECON 299H,  
students complete the project undertaken in the first semester and meet all  
course requirements for ECON 299H. Because ECON 299H is a writing pro-  
cficiency course, students completing this course with a B or better are not  
required to take ECON 295. You may take this course more than once for a  
maximum of 6.0 units. This is a writing proficiency, WP, course; a grade of C-  
or better certifies writing proficiency for majors.