ECONOMICS

Economics
College of Social & Behavioral Sciences,
Department of Economics
150 Morris Hall • 507-389-2969
Web site: www.mnsu.edu/dept/economics

Chair: Ved Sharma

William Brennan, Kwang-IL Choe, Ashok Chowdhury, Atrayee Ghosh Roy, Saleheen Khan, Phillip Miller, Donald Renner, Richard Schiming, Robert Simonson, Michael Spencer, Kwang Woo Park

Economics aims to provide the student with the basic materials and tools of analysis used to understand our present economic system, and to organize data for decision-making purposes in both short and long-range planning. It is designed to help those contemplating business or other careers as well as those who are preparing to teach in the social studies.

Admission to Major. Students enrolling in 300-400 level courses must be admitted to the program. Admission is granted by the department. Minimum university admission requirements are:
- a minimum of 32 earned semester credit hours.
- a minimum cumulative GPA of 2.00 ("C").

Contact the department for application procedures.

POLICIES/INFORMATION

P/N Grading Policy. Up to six credit hours of electives in the major may be taken as P/N grading. ECON 481 and ECON 498 must be taken as P/N grading.

GPA Policy. A minimum cumulative grade point average of 2.0 is required for all courses taken in the major and minor.

Center for Economic Education Dr. Ashok Chowdhury, Director. The Center for Economic Education seeks to improve the teaching of economics in elementary and secondary schools. Working in close cooperation with the Minnesota Council on Economic Education and the National Council on Economic Education, the center provides teacher instruction, research, library lending and other services to area schools. Begun in 1964, the Center conducts an annual Economics Challenge in which teams of high school students compete to demonstrate their understanding of economics.

ECONOMICS BA

Required for Major (Core, 25 credits)
ECON 201 Principles of Macroeconomics (3)
ECON 202 Principles of Microeconomics (3)
ECON 207 Business Statistics (4)
ECON 301 Quantitative Methods in Economics (3)
ECON 355 Intermediate Microeconomics (3)
ECON 356 Intermediate Macroeconomics (3)
ECON 462 Econometrics (3)
ECON 482 Senior Research Seminar (3)

Required Electives for Major (12 credits)
ECON 305 Money and Banking (3)
ECON 314W Current Economic Issues (3)
ECON 403 Labor Economics (3)
ECON 405 Central Banking (3)
ECON 406 Economics of Unions (3)
ECON 411 Urban Economics (3)
ECON 412 Resource and Environmental Economics (3)
ECON 416 Sports Economics (3)
ECON 420 International Economics (3)
ECON 429 International Economics (3)
ECON 440 Public Finance (3)

ECON 450 Economic Development (3)
ECON 463 Applied Econometrics of Financial Markets (3)
ECON 472 Industrial Organization (3)
ECON 480 Seminar in Economics (1-3)
ECON 481 Readings in Economics (1-3)
ECON 491 In-Service (1-3)
ECON 498 Internship (3)
ECON 499 Individual Study (1-3)

Required for Bachelor of Arts (BA) degree ONLY - Language (8 credits)

Required Minor: Yes. Any.

ECONOMICS BS

Required Core Courses (28 credits)
ECON 201 Principles of Macroeconomics (3)
ECON 202 Principles of Microeconomics (3)
ECON 207 Business Statistics (4)
ECON 301 Quantitative Methods in Economics (3)
ECON 355 Intermediate Microeconomics (3)
ECON 356 Intermediate Macroeconomics (3)
ECON 420 International Economics (3)
ECON 462 Econometrics (3)
ECON 482 Senior Research Seminar (3)

Required Electives for Major (9 credits)
ECON 305 Money and Banking (3)
ECON 314W Current Economic Issues (3)
ECON 403 Labor Economics (3)
ECON 405 Central Banking (3)
ECON 406 Economics of Unions (3)
ECON 411 Urban Economics (3)
ECON 412 Resource and Environmental Economics (3)
ECON 416 Sports Economics (3)
ECON 429 International Economics (3)
ECON 440 Public Finance (3)
ECON 450 Economic Development (3)
ECON 463 Applied Econometrics of Financial Markets (3)
ECON 472 Industrial Organization (3)
ECON 480 Seminar in Economics (1-3)
ECON 481 Readings in Economics (1-3)
ECON 491 In-Service (1-3)
ECON 498 Internship (3)
ECON 499 Individual Study (1-3)

Required for Major (Business Foundation Requirements, 31 credits)
ACCT 200 Financial Accounting (3)
ACCT 210 Managerial Accounting (3)
BLAW 200 Legal, Political and Regulatory Environment of Business (3)
FINA 362 Business Finance (3)
ISYS 101 Introduction to Information Systems (3)
MATH 112 College Algebra (4)
MGMT 200 Introduction to MIS (3)
MGMT 330 Principles of Management (3)
MGMT 346 Production and Operations Management (3)
MRKT 310 Principles of Marketing (3)

Required Minor: None.

ECONOMICS EMPHASIS
The following areas of emphasis are sets of recommended courses that students may find useful in planning for future careers. It is not necessary to complete any of these areas of emphasis to major in economics. Nor is it necessary to complete all the recommended courses in any area below. Students may consider the suggested economics courses in these areas of emphasis for their required electives in the economics major.

2009-2010 Undergraduate Bulletin
**ECONOMICS MINOR**

<table>
<thead>
<tr>
<th>Required for Minor (Core, 6 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 201 Principles of Macroeconomics (3)</td>
</tr>
<tr>
<td>ECON 202 Principles of Microeconomics (3)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required Electives for Minor (12 credits)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON xxx ECON xxx ECON xxx ECON xxx</td>
</tr>
</tbody>
</table>

**COURSE DESCRIPTIONS**

**ECON 100 (3) An Introduction to the U.S. Economy**
Brief description of the operation of the US economic system illustrated by a discussion of current economic policies, issues, and problems. No credit toward a major, minor, or area with economics as a core, or if credit has been earned in ECON 201 and/or ECON 202, or equivalent.
Fall, Spring
GE-5

**ECON 199 (1) CLEP Economics**

**ECON 201 (3) Principles of Macroeconomics**
Emphasis on forces influencing employment and inflation. Current problems of the economy are stressed along with tools government has to cope with them.
Fall, Spring
GE-5

**ECON 202 (3) Principles of Microeconomics**
Examines decision making by the individual firm, the determination of prices and wages, and current problems facing business firms.
Fall, Spring
GE-5

**ECON 207 (4) Business Statistics**
Basic statistical methods including measures of central tendency and dispersion, probability, probability distributions, sampling, problems of estimation and hypothesis testing in the case of one and two sample means and proportions. Chi-Square, one-way analysis of variance, simple regression and correlation analysis, and brief introduction to multiple regression analysis. Use of computer statistical packages required.
Pre: MATH 112 or equivalent
Fall, Spring

**ECON 301 (3) Quantitative Methods in Economics**
This course will introduce the student to the use of mathematics in economic analysis. Topics include optimization methods, comparative statics, and linear algebra.
Pre: ECON 201, ECON 202, ECON 207, MATH 112 or equivalent
Fall, Spring

**ECON 305 (3) Money and Banking**
A descriptive and analytical study of the basic principles of money, banking, and finance as they are related to business and public policy.
Pre: ECON 201 and ECON 202
Fall, Spring

**ECON 314W (3) Current Economic Issues**
Elementary economic background and analysis of housing, medical care, inflation, unemployment dilemma, pollution, poverty and affluence, balance between public and private sectors, transportation, urban problems, and other issues will be covered in this course.
Fall
GE-1C, GE-5, GE-8

**ECON 355 (3) Intermediate Microeconomics**
A survey of imperfect competition, multiple-product firms, multiple-plant firms, and interest theory, designed to develop a system of economic thought.
Pre: ECON 201, ECON 202 and ECON 301
Fall, Spring

**ECON 356 (3) Intermediate Macroeconomics**
Study of factors determining aggregate level of production, employment, inflation, and implications of monetary and fiscal policies.
Pre: ECON 201, ECON 202 and ECON 301
Fall, Spring

**ECON 403 (3) Labor Economics**
Employment, wages, and economic security. The structure and impact of labor organizations and labor legislation.
Pre: ECON 201 and ECON 202
Fall, Spring

**ECON 405 (3) Central Banking**
A detailed examination of the Federal Reserve System and monetary policy. The topics will include a history of the Federal Reserve and its monetary tools and strategies: Monetarism, the demand for money, the money supply process, and the impact of financial deregulation on federal policy.
Pre: ECON 305
Spring
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 406</td>
<td>Economics of Unions</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Students examine the economics of unions, including the history of union activity, the development and impact of labor laws on labor markets, the economics of strikes and alternative dispute resolution systems, and the impact of unions on wages and price levels.</td>
<td></td>
</tr>
<tr>
<td>ECON 411</td>
<td>Urban Economics</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Economic forces which account for the development of cities and application of principles to some of the major problems of the modern urban community.</td>
<td></td>
</tr>
<tr>
<td>ECON 412</td>
<td>Resource and Environmental Economics</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Concepts and techniques for evaluating the alternative uses, management and development of natural resources.</td>
<td></td>
</tr>
<tr>
<td>ECON 416</td>
<td>Sports Economics</td>
<td>ECON 202</td>
</tr>
<tr>
<td></td>
<td>This course examines the economics of professional and collegiate sports and sports institutions. Students examine the market for sports competitions, the labor market for player talent, and the role government plays in the business of sports.</td>
<td></td>
</tr>
<tr>
<td>ECON 420</td>
<td>International Economics</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>The economic rationale for interregional trade: emphasis on current problems.</td>
<td></td>
</tr>
<tr>
<td>ECON 429</td>
<td>Economic Education</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Fundamental ideas and structure of economics with emphasis on the application of such ideas in the K-12 school curriculum.</td>
<td></td>
</tr>
<tr>
<td>ECON 440</td>
<td>Public Finance</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Public expenditures, taxes and other revenues, debts and financial administration at federal, state, and local levels.</td>
<td></td>
</tr>
<tr>
<td>ECON 450</td>
<td>Economic Development</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Economic underdevelopment and the relationships between mature economies and developing nations.</td>
<td></td>
</tr>
<tr>
<td>ECON 462</td>
<td>Econometrics</td>
<td>ECON 201, ECON 202, and ECON 207</td>
</tr>
<tr>
<td></td>
<td>The study of methods and techniques for building econometric models with the goal of forecasting and measurement of the economic relationships by integrating economic theory and statistics in it.</td>
<td></td>
</tr>
<tr>
<td>ECON 463</td>
<td>Applied Econometrics of Financial Markets</td>
<td>ECON 207</td>
</tr>
<tr>
<td></td>
<td>This course is designed to cover basic tools in time series analysis and to equip students with quantitative skills to analyze the financial market.</td>
<td></td>
</tr>
<tr>
<td>ECON 472</td>
<td>Industrial Organization</td>
<td>ECON 201, ECON 202 and ECON 207</td>
</tr>
<tr>
<td></td>
<td>This course is an introduction to non-competitive markets using economic models and game theory.</td>
<td></td>
</tr>
<tr>
<td>ECON 480</td>
<td>Seminar in Economics</td>
<td>ECON 201 and ECON 202</td>
</tr>
<tr>
<td></td>
<td>Variable</td>
<td></td>
</tr>
<tr>
<td>ECON 481</td>
<td>Readings in Economics</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>ECON 482</td>
<td>Senior Research Seminar</td>
<td>ECON 201, ECON 301, ECON 355, ECON 356, ECON 462</td>
</tr>
<tr>
<td></td>
<td>This course will be required of all economics majors and is intended to facilitate the synthesis of the economics concepts learned in other courses. Students will undertake a semester-long research assignment using skills from the economics core requirements.</td>
<td></td>
</tr>
<tr>
<td>ECON 491</td>
<td>In-Service</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>ECON 498</td>
<td>Internship</td>
<td>Fall, Spring</td>
</tr>
<tr>
<td>ECON 499</td>
<td>Individual Study</td>
<td>Fall, Spring</td>
</tr>
</tbody>
</table>

2009-2010 Undergraduate Bulletin