

ECONOMICS

Economics

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

Chair: Robert Simonson

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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 required economics core courses and required economics electives for the economics BS or BA major. Furthermore, a minimum of a "C" grade is required in each of the five courses that are prerequisites for ECON 482, ECON 207, ECON 301, ECON 355, ECON 356, and ECON 462.

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.

ECONOMICS BA

Major Common Core

| | |
|----------|---------------------------------------|
| 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) |

Major Unrestricted Electives

(Choose at least 12 credits from the list of offered economics courses)

| | |
|-----------|--|
| 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 | Economic Education (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) |

Major Emphasis

Labor Economics Emphasis

Emphasis is not required in Major. Emphasis used only as an advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 403 | Labor Economics (3) |
| ECON 406 | Economics of Unions (3) |
| MGMT 380 | Human Behavior in Organizations (3) |
| MGMT 440 | Human Resource Management (3) |
| MGMT 442 | Compensation Management (3) |
| MGMT 444 | Organization Design, Development, and Change (3) |

Economics of the Public Sector Emphasis

Emphasis is not required in Major. Emphasis used only as an advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 403 | Labor Economics (3) |
| ECON 412 | Resource and Environmental Economics (3) |
| ECON 420 | International Economics (3) |
| ECON 440 | Public Finance (3) |
| ECON 462 | Econometrics (3) |
| ECON 472 | Industrial Organization (3) |

Financial Economics Emphasis

Emphasis is not required in Major. Emphasis used only as an advising tool. See your advisor for guidance.

| | |
|----------|---|
| BLAW 455 | Legal Aspects of Banking and Finance (3) |
| ECON 305 | Money and Banking (3) |
| ECON 405 | Central Banking (3) |
| ECON 420 | International Economics (3) |
| ECON 463 | Applied Econometrics of Financial Markets (3) |
| FINA 464 | Financial Institutions and Markets (3) |
| FINA 482 | Commercial Bank Management (3) |

Graduate School Preparation

These courses are recommended for students wanting to attend graduate school in economics. (ECON 301, MATH 121-2, MATH 247, ECON 462 and MATH 354 are most important.) Emphasis is not required in Major. Emphasis used only as an advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 301 | Quantitative Methods in Economics (3) |
| ECON 462 | Econometrics (3) |
| MATH 121 | Calculus I (4) |
| MATH 122 | Calculus II (4) |
| MATH 223 | Calculus III (4) |
| MATH 247 | Linear Algebra I (4) |
| MATH 321 | Ordinary Differential Equations (4) |
| MATH 354 | Concepts of Probability & Statistics (3) |
| MATH 417 | Real Analysis I (4) |

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

Required Minor: Yes. Any.

ECONOMICS BS

Major Common Core

(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) |

ECONOMICS

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|----------|-----------------------------|
| ECON 462 | Econometrics (3) |
| ECON 482 | Senior Research Seminar (3) |

Required Non-Economics Core Courses

Business Foundation Requirements (29 credits)

| | |
|----------|--|
| BLAW 200 | Legal, Political, and Regulatory Environment of Business (3) |
| FINA 362 | Business Finance (3) |
| IT 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 & Operations Management (3) |
| MRKT 310 | Principles of Marketing (3) |
| ACCT 217 | Survey of Financial and Managerial Accounting (4) |

Major Unrestricted Electives

Economics Course Electives

(Choose at least 9 credits from the list of offered courses)

| | |
|-----------|---|
| 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 | Economic Education (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) |

Major Emphasis

Labor Economics Emphasis

Emphasis is not required in Major. Emphasis used only as a advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 403 | Labor Economics (3) |
| ECON 406 | Economics of Unions (3) |
| MGMT 380 | Human Behavior in Organizations (3) |
| MGMT 440 | Human Resource Management (3) |
| MGMT 442 | Compensation Management (3) |
| MGMT 444 | Organization Design, Development, and Change (3) |

Economics of Public Sector Emphasis

Emphasis is not required in Major. Emphasis used only as a advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 403 | Labor Economics (3) |
| ECON 412 | Resource and Environmental Economics (3) |
| ECON 420 | International Economics (3) |
| ECON 440 | Public Finance (3) |
| ECON 462 | Econometrics (3) |
| ECON 472 | Industrial Organization (3) |

Financial Economics Emphasis

Emphasis is not required in Major. Emphasis used only as a advising tool. See your advisor for guidance.

| | |
|----------|---|
| BLAW 455 | Legal Aspects of Banking and Finance (3) |
| ECON 305 | Money and Banking (3) |
| ECON 405 | Central Banking (3) |
| ECON 420 | International Economics (3) |
| ECON 463 | Applied Econometrics of Financial Markets (3) |
| FINA 464 | Financial Institutions and Markets (3) |
| FINA 482 | Commercial Bank Management (3) |

Graduate School Preparation

These courses are recommendation for students wishing to attend graduate school in economics. (ECON 301, MATH 121-2, MATH 247, ECON 462 and MATH 354 are most important.) Emphasis is not required in Major. Emphasis used only as a advising tool. See your advisor for guidance.

| | |
|----------|--|
| ECON 301 | Quantitative Methods in Economics (3) |
| ECON 462 | Econometrics (3) |
| MATH 121 | Calculus I (4) |
| MATH 122 | Calculus II (4) |
| MATH 223 | Calculus III (4) |
| MATH 247 | Linear Algebra I (4) |
| MATH 321 | Ordinary Differential Equations (4) |
| MATH 354 | Concepts of Probability & Statistics (3) |
| MATH 417 | Real Analysis I (4) |

ECONOMICS MINOR

Required for Minor (Core, 6 credits)

| | |
|----------|----------------------------------|
| ECON 201 | Principles of Macroeconomics (3) |
| ECON 202 | Principles of Microeconomics (3) |

Required Electives for Minor (12 credits)

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|----------|----------|----------|----------|
| ECON xxx | ECON xxx | ECON xxx | ECON xxx |
|----------|----------|----------|----------|

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 103W (3) The Economics of Women's Issues and Public Policy in the United States

This course will examine the gendered nature of public policy using standard microeconomic tools. It examines the impact of public policy on employment discrimination, reproductive rights, and sexual orientation.

Variable

WI, GE-2, GE-5

Diverse Culture - Purple

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 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

GE-2, GE-4

ECONOMICS

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

WI, 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

ECON 406 (3) Economics of Unions

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.

Pre: ECON 201 and ECON 202

Spring

ECON 411 (3) Urban Economics

Economic forces which account for the development of cities and application of principles to some of the major problems of the modern urban community.

Pre: ECON 201 and ECON 202

Variable

ECON 412 (3) Resource and Environmental Economics

Concepts and techniques for evaluating the alternative uses, management and development of natural resources.

Pre: ECON 201 and ECON 202

Fall

ECON 416 (3) Sports Economics

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.

Pre: ECON 202

Spring

ECON 420 (3) International Economics

The economic rationale for interregional trade: emphasis on current problems.

Pre: ECON 201 and ECON 202

Fall, Spring

ECON 429 (3) Economic Education

Fundamental ideas and structure of economics with emphasis on the application of such ideas in the K-12 school curriculum.

Variable

ECON 440 (3) Public Finance

Public expenditures, taxes and other revenues, debts and financial administration at federal, state, and local levels.

Pre: ECON 201 and ECON 202

Fall

ECON 450 (3) Economic Development

Economic underdevelopment and the relationships between mature economies and developing nations.

Pre: ECON 201 and ECON 202

Fall

ECON 462 (3) Econometrics

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.

Pre: ECON 201, ECON 202, and ECON 207

ECON 463 (3) Applied Econometrics of Financial Markets

This course is designed to cover basic tools in time series analysis and to equip students with quantitative skills to analyze the financial market.

Pre: ECON 207

Fall

ECON 472 (3) Industrial Organization

This course is an introduction to non-competitive markets using economic models and game theory.

Pre: ECON 201, ECON 202 and ECON 207

Fall, Spring

ECON 480 (1-3) Seminar in Economics

Pre: ECON 201 and ECON 202

Variable

ECON 481 (1-3) Readings in Economics

Fall, Spring

ECON 482W (3) Senior Research Seminar

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.

Pre: ECON, 207, ECON 301, ECON 355, ECON 356, ECON 462

Fall, Spring

WI

ECON 491 (1-3) In-Service

ECON 498 (3) Internship

Pre: ECON 201 and ECON 202

Fall, Spring

ECONOMICS

ECON 499 (1-3) Individual Study

Pre: ECON 201 and ECON 202

Fall, Spring

me successful practitioners in engineering and other diverse careers.