

*Additional information may be obtained from:*

*UM-St. Louis Admissions Office  
One University Boulevard  
St. Louis, Missouri 63121-4400  
(314) 516-5451  
<http://www.umsl.edu/>*



*University of Missouri-St. Louis*

# Economics

## *Why UMSL?*

Economics faculty members are nationally known scholars who take teaching as seriously as research. The department prides itself on the student mentoring environment it has established. Students interact with faculty not only in the classroom, but also through activities such as tutoring, assisting faculty research, and participating in economics clubs. Because faculty members get to know their students so well, they are a great resource for helping students obtain employment or gain admission for advanced work in graduate schools.

## *Career Outlook*

Economics is a language that provides the individual with a concise and logical way to study a wide range of problems and issues. It provides the flexibility for adapting to our everchanging society, and it is also useful in everyday life. Thus, the economics major is excellent preparation for launching many careers. Economics graduates with a B.A. or B.S. degree pursue careers in banking, industry, and government. They use their training in economics as a foundation for a variety of jobs in management, personnel, sales, and marketing. Others continue their study of economics in graduate schools, earning M.A. and Ph.D. degrees. An undergraduate major in economics also provides a strong background for work on an M.B.A. or law degree. Economics is also important for careers in politics, journalism, and public and private service in foreign countries. Career planning materials are available in the Economics Resource Center, 445 SSB. For additional information, call the Director of Graduate Studies at 516-5560.

## *Undergraduate Studies*

### **Degrees and Areas of Concentration**

Several degree programs are offered by the Economics Department. The B.A. in economics provides a flexible, liberal arts orientation for students. The B.S. in economics places more emphasis upon developing the analytical and quantitative skills used in analysis. Both degrees can be tailored to meet the career interests of the student.

The economics faculty considers research an integral part of good teaching. Research projects in recent years have dealt with housing, productivity, employment, taxation, zoning, technology diffusion, the former Soviet Union, international trade flows, agriculture, energy, monetary economics, conglomerates, and public choice.

The Economics Department also offers courses at the undergraduate level in geography.

A graduate program offers work leading to the M.A. degree in economics in preparation for careers in teaching, research, government, and industry. The program includes

course work in micro- and macroeconomic theory; urban, international, industrial, and quantitative economics; and research methodology. The program can accommodate prospective full-time students as well as those who wish to study part time solely in the evening. Classes are small, and student-faculty interaction is encouraged.

The Economics Department cooperates with the College of Business Administration and the Department of Political Science in offering a master's degree program in public policy administration.

### **Faculty**

The Economics Department is actively engaged in teaching, research, publishing, and community service. Members have received numerous grants for basic and applied research projects. In addition to published research, members regularly present papers and serve as moderators and discussants at professional meetings. They have been honored with teaching and research fellowships and as visiting scholars at leading universities throughout the United States. Faculty members actively participate in community service; they address local citizen and business groups on topics of current interest, and frequently act as consultants for public service groups and local governmental units.

## *General Education Requirements*

All undergraduate economics majors must meet the University and College of Arts and Sciences general education requirements. Candidates for the B.A. degree may take any foreign language to meet this requirement. Candidates for the B.S. degree may take mathematics and quantitative courses instead of the foreign language requirement. Courses in economics may be used to meet the University social sciences requirement.

Education majors specializing in economics must fulfill the requirements for the bachelor of arts degree. These majors are responsible for obtaining an advisor in the Department of Economics.

All prerequisites for economics courses must be completed with a C- or better.

### **Satisfactory/Unsatisfactory (S/U) Option**

Courses outside the major field and Economics 1001, Principles of Microeconomics, and Economics 1002, Principles of Macroeconomics, may be taken on a satisfactory/unsatisfactory (S/U) basis.

## *Degree Requirements*

### **Bachelor of Arts in Economics**

Candidates for the B.A. degree must take at least 33, but no more than 45, hours in economics. At least 27 hours must

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be above the 1000-level. All required courses for the major must be completed with a grade of C- or better. The following economics courses are required:

1001, Principles of Microeconomics  
1002, Principles of Macroeconomics  
3001, Intermediate Economic Theory: Microeconomics  
3002, Intermediate Economic Theory: Macroeconomics  
3100, Economic Statistics  
3200, Money, Banking, and Monetary Theory  
3800, History of Economic Thought

Since many theories in economics make use of calculus, it is also recommended that students take:

Mathematics 1800, Analytic Geometry and Calculus I, or  
Mathematics 1100, Basic Calculus

After fulfilling the general education and specific major degree requirements, students are to take the remaining hours required to complete the B.A. degree from courses which the appropriate department has evaluated as being of university-level quality from one or more of the following areas or their university-quality equivalents at other institutions: anthropology/archaeology, art (appreciation, history, studio), astronomy, biology, chemistry, communication, criminology and criminal justice, economics, English, foreign languages/literatures, geology, history, mathematics/computer science, music (appreciation, history, performance), philosophy, physics, political science, psychology, social work, sociology, business, education, engineering, and interdisciplinary.

Requirements outside the Economics Department should be completed by the end of the sophomore year.

### **Bachelor of Science in Economics**

Candidates for the B.S. degree must complete at least 36 hours, but no more than 45, in economics. At least 30 hours must be above the 1000-level. All required economics courses must be completed with a grade of C- or better. The following courses are required:

Economics 1001, Principles of Microeconomics  
Economics 1002, Principles of Macroeconomics  
Economics 3001, Intermediate Economic Theory: Microeconomics  
Economics 3002, Intermediate Economic Theory: Macroeconomics  
Economics 3100, Economic Statistics  
Economics 3200, Money, Banking, and Monetary Theory  
Economics 4100, Introduction to Econometrics  
Mathematics 1800, Analytic Geometry and Calculus I, or  
Mathematics 1100, Basic Calculus

Also required are two of the following:

Economics 4030/5030, Managerial Economics  
Economics 4040/5040, Analysis of Business Cycles  
Economics 4110/5110, Econometrics  
Economics 4130/5130, Econometrics and Time Series Forecasting  
or any Math course numbered 1900 or above (with consent of advisor)  
Economics 4150, Mathematical Economics

After fulfilling the general education and specific major degree requirements, students are to take the remaining hours required to complete the B.S. degree from courses which the appropriate department has evaluated as being of university-level quality from one or more of the following areas or their university-quality equivalents at other institutions: anthropology/archaeology, art (appreciation, history, studio), biology, chemistry, communication, criminology and criminal justice, economics, English, foreign languages/literatures, history, mathematics/computer science, music

(appreciation, history, performance), philosophy, physics, political science, psychology, social work, sociology, business, education, engineering, and interdisciplinary.

Requirements outside the Economics Department should be completed by the end of the sophomore year.

### **Complementary Areas of Study**

The Department encourages all majors to develop breadth in related disciplines. Course work and minors are available in a number of areas such as business administration, computer science, statistics, and political science. Students should check with their advisors for recommendations concerning courses in these areas. The Department suggests the following supplemental course work for students interested in pursuing doctoral-level graduate work in economics or careers in general business.

### **Graduate School Preparation**

It is recommended that students considering doctoral-level graduate work in economics also take the following mathematics courses:

1900, Analytical Geometry and Calculus II  
2000, Analytical Geometry and Calculus III,  
2450, Linear Algebra  
3000, Discrete Structures  
4200, Mathematical Statistics I

### **General Business Preparation**

It is recommended that students interested in pursuing careers in business also take the following business administration courses:

2400, Fundamentals of Financial Accounting  
2410, Managerial Accounting  
2900, Legal Environment of Business  
3500, Financial Management  
3700, Basic Marketing

### **Requirements for the Minor**

Candidates for a minor in economics must take a minimum of 18 hours in economics. At least 12 hours must be above the 1000-level. Economics 3100, Economic Statistics, cannot be counted toward the economics minor if the student has also taken Mathematics 1310, Mathematics 1320, Business Administration 3300, or the equivalent. The following economics courses are required:

1001, Principles of Microeconomics  
1002, Principles of Macroeconomics  
3001, Intermediate Economic Theory: Microeconomics

It is also recommended that students take:

Economics 3002, Intermediate Economic Theory: Macroeconomics

Also required is a GPA of 2.0 or better for courses presented for the minor. The satisfactory/unsatisfactory option may be applied to Economics 1001 and Economics 1002 only.

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1-888-GO-2-UMSL  
Career Services: (314) 516-5111  
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The University of Missouri-St. Louis is an affirmative action/equal opportunity employer committed to excellence through diversity.