

School of Economic, Political and Policy Sciences

Economics (BA, BS)

Economists study how people make choices in life when scarcity limits what is available and provides incentives to induce efficient behavior. They look at a society's financial, industrial, and labor organizations; its distribution of income and ownership rights; its governmental activities; and its political and economic philosophies, and analyze how these and other factors influence the goods an economy produces, the resources it uses in production, and the distribution of its output. They also look at how incentives affect decisions relating to human behavior, such as whether to obey the law, get married, or have children.

Economic analysis leads to explanations, predictions, and policy suggestions. How do firms maximize profits and use pricing schemes to differentiate markers? How are wages and prices set? How do firms select inputs in order to minimize costs? Why do we have a financial crisis? How should we use our natural resources? How will consumers and corporations react to a tax cut? What are the drivers of terrorism and how does this inform counter-terror policy? In order to protect consumers, what antitrust and government regulations should be enforced? What can be done to reduce inflation and unemployment? To prevent excess pollution? To achieve economic growth? To distribute income more equitably? In examining these sorts of questions, economics helps us to understand more clearly the choices available to us and the consequences of our decisions.

There is an abundance of career opportunities for an economics major.

Careers in business include market analysis, pricing, consulting, banking and other financial institutions, insurance, corporate strategic planning, real estate, data analysis, management, and marketing.

Careers in government include federal reserve banks, publicly owned utilities, planning and forecasting, regulatory agencies, management, needs assessment, legislative staffs, judicial agencies, and executive support.

Careers in the interfacing of business and government include labor arbitration, regulation, environmental planning, urban and regional planning, and interest representation.

Economics is an excellent preparation for a career in law.

Bachelor of Arts in Economics

[Degree Requirements](#) (120 semester credit hours)¹

[View an Example of Degree Requirements by Semester](#)

Faculty

FACG> epps-economics-ba

Professors: Daniel G. Arce , Kurt J. Beron, Dong Li, Todd Sandler, Donggyu Sul

Associate Professors: Seth Giertz, Xin (Sherry) Li, Susan Williams McElroy, Kevin Siqueira, Victor Valcarcel

Assistant Professors: Rodney Andrews, Asli Leblebicioglu

I. Core Curriculum Requirements: 42 semester credit hours²

Communication: 6 semester credit hours

[COMM 1311](#) Survey of Oral and Technology-based Communication

[RHET 1302](#) Rhetoric

Mathematics: 3 semester credit hours

Choose one course from the following:

[MATH 1325](#) Applied Calculus I^{3, 4}

[MATH 2413](#) Differential Calculus^{3, 4}

[MATH 2417](#) Calculus I^{3, 4}

Life and Physical Sciences: 6 semester credit hours

Select any 6 semester credit hours from Life and Physical Sciences core courses (see advisor)

Language, Philosophy and Culture: 3 semester credit hours

Choose one course from the following:

[HUMA 1301](#) Exploration of the Humanities

[LIT 2331](#) Masterpieces of World Literature

[PHIL 1301](#) Introduction to Philosophy

[PHIL 2316](#) History of Philosophy I

[PHIL 2317](#) History of Philosophy II

Creative Arts: 3 semester credit hours

[ARTS 1301](#) Exploration of the Arts

American History: 6 semester credit hours

[HIST 1301](#) U.S. History Survey to Civil War

[HIST 1302](#) U.S. Survey from Civil War

Government / Political Science: 6 semester credit hours

[GOVT 2305](#) American National Government

[GOVT 2306](#) State and Local Government

Social and Behavioral Sciences: 3 semester credit hours

Choose one course from the following:

[CRIM 1301](#) Introduction to Criminal Justice

[CRIM 1307](#) Introduction to Crime and Criminology

[ECON 2301](#) Principles of Macroeconomics_{3, 5, 6}

[ECON 2302](#) Principles of Microeconomics_{3, 5, 6}

[SOC 1301](#) Introduction to Sociology

Component Area Option: 6 semester credit hours

[EPPS 2301](#) Research Design in the Social and Policy Sciences

And choose one course from the following:

[EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences_{3, 5}

[EPPS 2303](#) Descriptive and Inferential Statistics for the Social and Policy Sciences_{3, 5}

[STAT 1342](#) Statistical Decision Making

II. Major Requirements: 42-46 semester credit hours

Major Preparatory Courses: 3-7 semester credit hours beyond Core Curriculum

[ECON 2301](#) Principles of Macroeconomics_{3, 5, 6}

[ECON 2302](#) Principles of Microeconomics_{3, 5, 6}

[EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences_{3, 5}

or [EPPS 2303](#) Descriptive and Inferential Statistics for the Social and Policy Sciences_{3, 5}

or [OPRE 3360](#) Managerial Methods in Decision Making Under Uncertainty_{5, 7}

or [STAT 3360](#) Probability and Statistics for Management and Economics_{5, 7}

or [STAT 1342](#) Statistical Decision Making_{5, 7}

[MATH 2417](#) Calculus I_{3, 4}

or [MATH 1325](#) Applied Calculus I_{3, 4}

or [MATH 2413](#) Differential Calculus_{3, 4}

Major Core Courses: 9 semester credit hours

[ECON 3310](#) Intermediate Microeconomic Theory

[ECON 3311](#) Intermediate Macroeconomic Theory

[ECON 4320](#) Public Sector Economics

Major Related Courses: 30 semester credit hours

30 semester credit hours of upper-division ECON courses

Optional Major Core Concentrations: 9 semester credit hours_{8, 9}

Green Economics

Choose one course from the following:

[ECON 4333](#) Environmental Economics

[ECON 4336](#) Environmental Economic Theory and Policy

Choose two additional courses from:

[ECON 4320](#) Public Sector Economics

[ECON 4332](#) Energy and Natural Resources Economics

[ECON 4333](#) Environmental Economics

[ECON 4336](#) Environmental Economic Theory and Policy

International Economics

[ECON 4360](#) International Trade

Choose two courses from the following:

[ECON 3369](#) Political Economy of Terrorism

[ECON 4362](#) Development Economics

[ECON 4382](#) International Finance

[GEOG 3370](#) The Global Economy

[GEOG 3372](#) Population and Development

Business Economics

Choose three courses from the following:

[ECON 3312](#) Money and Banking

[ECON 4301](#) Game Theory

[ECON 4310](#) Managerial Economics

[ECON 4340](#) Labor Economics and Human Resources

[ECON 4345](#) Industrial Organization

[ECON 4355](#) Econometrics

[ECON 4385](#) Business and Economic Forecasting

III. Elective Requirements: 32-36 semester credit hours

This requirement may be satisfied with lower- and upper-division courses from any field of study. Students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

Note: Students wishing to pursue Master's or PhD degrees in economics should consult their advisor about appropriate mathematics and quantitative methods courses.

Bachelor of Science in Economics

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[View an Example of Degree Requirements by Semester](#)

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[MATH 2417](#) Calculus I^{3, 4}

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Component Area Option: 6 semester credit hours

[EPPS 2301](#) Research Design in the Social and Policy Sciences

And choose one course from the following:

[EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences_{3, 5}

[EPPS 2303](#) Descriptive and Inferential Statistics for the Social and Policy Sciences_{3, 5}

[STAT 1342](#) Statistical Decision Making

II. Major Requirements: 51-56 semester credit hours

Major Preparatory Courses: 6-11 semester credit hours beyond Core Curriculum

[ECON 2301](#) Principles of Macroeconomics 3, 5, 6

[ECON 2302](#) Principles of Microeconomics 3, 5, 6

[EPPS 2302](#) Methods of Quantitative Analysis in the Social and Policy Sciences 3, 5

or [EPPS 2303](#) Descriptive and Inferential Statistics for the Social and Policy Sciences 3, 5

or [OPRE 3360](#) Managerial Methods in Decision Making Under Uncertainty 5, 7

or [STAT 3360](#) Probability and Statistics for Management and Economics 5, 7

or [STAT 1342](#) Statistical Decision Making 5, 7

[MATH 2417](#) Calculus I 3, 4

or [MATH 1325](#) Applied Calculus I 3, 4

or [MATH 2413](#) Differential Calculus 3, 4

[MATH 2419](#) Calculus I

or [MATH 1326](#) Applied Calculus II

or [MATH 2414](#) Integral Calculus

Major Core Courses: 15 semester credit hours

[ECON 3310](#) Intermediate Microeconomic Theory

[ECON 3311](#) Intermediate Macroeconomic Theory

[ECON 4320](#) Public Sector Economics

[ECON 4351](#) Mathematical Economics

[ECON 4355](#) Econometrics

Major Related Courses: 30 semester credit hours 9

30 semester credit hours of upper-division ECON courses

Optional Major Core Concentrations: 9 semester credit hours^{8, 9}

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Choose one course from the following:

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[ECON 4332](#) Energy and Natural Resource Economics

[ECON 4333](#) Environmental Economics

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[ECON 4360](#) International Trade

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Choose three courses from the following:

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[ECON 4301](#) Game Theory

[ECON 4310](#) Managerial Economics

[ECON 4340](#) Labor Economics and Human Resources

[ECON 4345](#) Industrial Organization

[ECON 4355](#) Econometrics

[ECON 4385](#) Business and Economic Forecasting

III. Elective Requirements: 22-27 semester credit hours

This requirement may be satisfied with lower- and upper-division courses from any field of study. Students must complete at least 51 semester credit hours of upper-division courses to qualify for graduation.

Note: Students wishing to pursue Master's or PhD degrees in economics should consult their advisor about appropriate mathematics and quantitative methods courses.

Minor in Economics: 18 semester credit hours

Required Courses: 9 semester credit hours

[ECON 2301](#) Principles of Macroeconomics

[ECON 2302](#) Principles of Microeconomics

[ECON 3310](#) Intermediate Microeconomic Theory

or [ECON 3311](#) Intermediate Macroeconomic Theory

Upper-Division Courses: 9 semester credit hours

Any upper-division ECON courses excluding [ECON 4V97](#), [ECON 4V98](#), and [ECON 4V99](#).

1. Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.
2. Curriculum Requirements can be fulfilled by other approved courses from institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.
3. A Major requirement that also fulfills a Core Curriculum requirement. Semester credit hours are counted in Core Curriculum.
4. Three semester credit hours are counted under Mathematics core, and one semester credit hour is counted under Major Preparatory Courses.
5. Indicates a prerequisite class to be completed before enrolling for upper-division classes in Economics and Finance.

6. Preferred course for Economics Majors.
7. Preferred course for School of Management majors.
8. Semester credit hours to be counted as part of major-related courses.
9. If students choose to select an optional major concentration for 9 semester credit hours, then they only need to take 21 semester credit hours in major related courses.

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