Department of Economics at Tufts University  
Department Web Site: ase.tufts.edu/economics

Economics Major Requirements for the Classes of 2015 - 2018

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<td><strong>Major in Economics</strong></td>
<td><strong>Major in Quantitative Economics</strong></td>
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**Prerequisites**
Principles of Economics (Ec 5) or equivalent.

**Mathematics Course(s)**
Math 32 [formerly 11] or any higher-level mathematics course approved by the department. Students may substitute Math 30 and 14 [formerly 5 and 6] for Math 32.

**Core Courses**
- Intermediate Microeconomic Theory (Ec 11)
- Intermediate Macroeconomic Theory (Ec 12)
- Statistics (Ec 13)
- Basic Econometrics (Ec 15)

* Please see an economics advisor if you wish to substitute a quantitative or graduate course for any of the Core Course requirements.

**Elective Courses**
Economics majors must successfully complete at least five additional economics courses numbered Ec 20 or above. At least three of these electives must be numbered Ec 100 or above (Upper Level Electives.)

**General Restrictions on Both Majors**
All Upper Level Electives must have one or more core courses as prerequisites. No course offered as a core course may also be used as an elective course.

**Transfer Credit Restrictions on Both Majors**
No more than two courses beyond Ec 5 may be transferred to meet major requirements and transfers of Core Courses are not allowed. Exceptions are rarely granted and require both extenuating circumstances and prior approval. It is strongly recommended that you use SIS to submit economics transfer requests for approval before taking courses elsewhere. All courses not taken in the Tufts Economics Department must be submitted for approval through SIS before they may count toward an economics major or minor.

**Preparing for Graduate Study in Economics**
Students considering graduate work in economics should consult an economics advisor at their earliest opportunity. Graduate study in economics is highly mathematical and the top programs have extremely competitive admissions. Doctoral programs in economics prefer applicants who have taken a minimum of Math 42 (or 44), 70 (or 72), and 135; and some courses from among Math 51, 136, 151, 161 and 162. They also favor applicants who complete a Quantitative Economics major and who undertake a senior thesis or some other economics research experience.

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Courses Recently Offered by the Department

Non-Major Classes
(Do not count toward any major)
(Prerequisites: none)

3 Principles of Accounting
6 Business Law

Introductory Economics
(Prerequisites: none)

5 Principles of Economics (both Micro & Macro)
8 Principles of Economics with Environ. Applic.

Core Classes for Majors
(Prerequisites: listed below)

11 Intermed. Microec. Theory (Ec 5 & Math 30 or 32)
12 Intermed. Macroe. Theory (Ec 5 & Math 30 or 32)
13 Statistics (Ec 5 & Math 30 & 14 or Math 32)
15 Basic Econometrics (Ec 13)
16 Foundations of Quant. Econ. (Ec 11 & Math 34)
18 Quant. Intermed. Macroe. Theory (Ec 16 & Math 34)
107 Econometric Analysis (Ec 13, Math 34 & 70 or 72)

Lower Level Elective Classes
(Prerequisites: Ec 5)

24 Game Theory
30 Environmental Economics and Policy
35 Economic Development
36 Macroeconomic Analysis for Development
48 Health Economics
50 Introduction to Finance
60 International Economics
62 Economics of International Migration
63 Economics of the European Union
83 Economics of the Middle East
87 Economics of the British Industrial Revolution
91 Economics of Public Policy

Upper Level Elective Classes
(Prerequisites: vary by class but always include one or more Core classes)

100 Foundational Ideas in Economic Theory
108 Applications of Econometrics
114 Behavioral Economics
116 Economic Growth: Theory and Applications
118 Quantitative Economic Growth
119 Quantitative Games and Information
120 Public Finance
122 Topics in Public Finance
124 State and Local Public Finance
127 Urban Economics
130 Topics in Environmental Economics
132 Economics of Energy Markets
136 Topics in Economic Development
140 Labor Economics
144 Income Inequality, Poverty, and Economic Justice
148 Economics of Sports
150 Financial Economics
151 Monetary Economics
152 Topics in Money and Finance
154 Uncertainty Methods in Economics and Finance
155 Quantitative Financial Economics
161 International Trade
162 International Finance
165 Labor and Global Supply Chains
166 Topics in the Macroe. of Regions and Nations
169 Quantitative International Finance
170 Industrial Organization
175 Economics of Management and Strategy
184 The Number and Size of Nations
191 Topics in the Economics of Advertising
191 Economics of the Financial Crisis
192 Resource and Environmental Econ. & Policy
192 Finance and Entrepreneurship
195, 196 Senior Honors Thesis

Preparing for Business School or a Business Career

Majoring in economics is not necessary for graduate study in business or a successful business career. Graduate programs in business (such as MBA programs) admit students based on communication skills, analytical skills and leadership qualities. These skills can be developed in any major at Tufts and MBA programs do not presume any prior background in economics. Successful business careers draw on these skills and depend more on individual motivation than on academic work. Those who wish to take some courses related to business should consider Ec 3, Ec 6, Ec 24, Ec 50, and the courses in the Entrepreneurial Leadership Minor.

The Minor in Finance

This is a six-course interdisciplinary minor that gives students a foundation in the formal economics of financial markets and supplements that foundation with important mathematical and philosophical tools. The minor requirements are: Three Core Classes (Ec 50, Math 32, and Phil 24 or 38); Two Elective Classes (from among ELS 103, Ec 150, Ec 151, Ec 152, Ec 154, Ec 155 and Ec 169); and One Capstone Class (either Ec 192 - Finance and Entrepreneurship or Phil 197 Ethics, Law and Society.)