## Option I
### Major in Economics

**Prerequisites**
Principles of Economics (Ec 5 or Ec 8) or equivalent.

**Mathematics Course(s)**
Math 32 (or equivalent) or any higher-level mathematics course approved by the department.

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

* 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 courses numbered Ec 100 or above (Upper Level Electives.) Beginning with the Class of 2019, all economics majors are required to take at least one upper level (100+) seminar class. Seminars are designated as such on the Economics Department course listing.

## Option II
### Major in Quantitative Economics

**Prerequisites**
Principles of Economics (Ec 5 or Ec 8) or equivalent.

**Mathematics Courses**
Math 32 & 34 or Math 39 & 44; and Math 70 or 72; Math 42 is recommended (but not required).

**Core Courses***
- Intermediate Microeconomic Theory (Ec 11)
- Foundations of Quantitative Economics (Ec 16)
- Quantitative Macroeconomic Theory (Ec 18)
- Econometric Analysis (Ec 107)

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

**Elective Courses**
Quantitative Economics majors must complete at least four additional economics courses numbered Ec 20 or above. These electives must also satisfy the following conditions: 1) at least three electives must be numbered Ec 100 or higher (Upper Level Electives); 2) at least one must be an Upper Level Elective designated as a seminar class or as requiring a research paper, or must be a senior thesis credit; and 3) at least one must be a designated Quantitative Elective that is open only to students who have completed the relevant quantitative core prerequisites (Ec 16, 18, 107, or equivalent courses.)

## 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.
# Department of Economics at Tufts University

## 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)

### Core Classes for Majors
*(Prerequisites: listed below)*

- 11 Intermed. Microec. Theory (Ec 5 or 8 & Math 32)
- 12 Intermed. Macroec. Theory (Ec 5 or 8 & Math 32)
- 13 Statistics (Ec 5 or 8 & Math 32)
- 15 Basic Econometrics (Ec 13)
- 16 Foundations of Quant. Econ. (Ec 11 & Math 34/39)
- 107 Econometric Analysis (Ec 13, Math 34/39 & 70/72)

### Lower Level Elective Classes
*(Prerequisites: Ec 5 or Ec 8)*

- 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 and include 1+ Core classes)*

- 100 Foundational Ideas in Economic Theory
- 114 Behavioral Economics
- 116 Economic Growth: Theory and Applications
- 117 Social Interactions and Social Networks
- 118 Quantitative Economic Growth
- 119 Quantitative Games and Information
- 120 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
- 157 Topics in Finance and Entrepreneurship
- 159 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
- 171 Topics in Industrial Organization
- 174 Advertising and Imperfect Competition
- 175 Economics of Management and Strategy
- 184 The Number and Size of Nations
- 191 Urbanization in the Developing World
- 191 African Economic Development
- 192 Topics in Business Cycles, Labor Mkts & Policy
- 192 Resource and Environmental Econ. & Policy
- 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 159 and Ec 169); and One Capstone Class (either Ec 157 - Finance and Entrepreneurship or Phil 197 Ethics, Law and Society.)