Tufts University
Department of Economics

Master of Science Program

Welcome to the Class of 2018-2019
Graduate Program Director: Professor Gilbert Metcalf

Other Graduate Committee Members and Advisors:
Professor Marcelo Bianconi
Professor Yannis Ioannides
Department Administrator: Debra Knox

Graduate Program Assistant: Marcus Weir

Undergraduate Program Assistant: Linda Casey
Nuts and Bolts of the Program

- Math Camp
- Course-based M.S.
- Research-based M.S.
- Tuition details
- Funding opportunities
- Research and learning opportunities
Math Camp

• The Economics Department will hold a one-week “Math Camp”
• This course is designed to provide the basic math skills necessary to do well in the actual courses beginning in September.
• Attendance is voluntary.
Math Proficiency Exam

• Given on Thursday, September 6, 6:00 – 8:00 p.m Location TBA.
• Exam is mandatory.
• Is based on material covered in Math Camp
• You will receive feedback on your performance.
• The point is to provide you with an assessment of your math capabilities.
MASTER OF SCIENCE DEGREE IN ECONOMICS
30 UNIT COURSE-BASED DEGREE

Year I

Fall
- Statistics (EC201)
- Microeconomics Theory I (EC203)
- Macroeconomic Theory I (EC205)
- Elective

Spring
- Econometrics (EC202)
- Microeconomic Theory II (EC204)
- Macroeconomic Theory II (EC 206)
- Elective
EC201 - Statistics

Bypassing EC201:

- Some students have already taken a course(s) that covered the same material in EC201
- Such students can potentially bypass E201
- You do not get a unit for this but you can take another elective instead
- Talk with your advisor if you feel that you have the background to skip EC201
- Ultimately, the Graduate Director will determine if you can skip EC201
Elective Courses: Economics

1st and 2nd year students:
• EC 118: Quantitative Economic Growth
• EC 159: Quantitative Financial Economics
• EC 192: Resource and Environmental Economics and Policy

Returning students in Course-Based Degree Program:
• EC 207: Graduate Applied Econometrics
Elective Courses: Economics

Other Economics Courses numbered above 108 (except EC150).

• You must complete the MS Elective Petition Form to request approval to take any other undergraduate course in the Economics Department. Instructor permission and arrangements required.

For Checklists/Forms see

http://ase.tufts.edu/economics/grad/requirements.htm#checklists
Elective Courses:
Mathematics Department

- MATH 135: Real Analysis I
- MATH 145: Abstract Algebra I
- MATH 150: Numerical Optimization

- Other Mathematics courses numbered 100 or above may be taken after consultation with your advisor.
Elective Courses: Fletcher School
Economics and International Business (EIB)

Fall 2018:
• E214: International Economic Policy Analysis
• E230: International Finance
• E241: Development Economics: Policy Analysis
• E247: Econometric Impact Evaluation for Development
• E251: The Economics of the European Union

Other courses may be allowed with permission from the Director of Graduate Studies
Fletcher School: Schedule

• Tuesday, September 4: Shopping Day: for all seminar courses, new courses, and courses taught by new and adjunct faculty members.
  – Students are encouraged to review the past evaluations of courses submitted by students, which are on file in the reference room of Ginn Library at Fletcher...
  – … or talk to second year students.
Fletcher School: Schedule

• Wednesday, September 5: Classes Begin
  – First day for cross-registration for non-Fletcher students
  – To register: fill out Cross Registration Petition form that you can obtain from the Economics Department Office or on website below.

For more info see:
http://fletcher.tufts.edu/Academic/Cross-Registration-Information
Elective Courses: Boston Consortium

• Full-time graduate students may take one course per semester through cross registration agreements with
  – Boston College
  – Boston University
  – Brandeis University

• Courses at these schools must be approved by Director of Graduate Studies.
Elective Courses: Other Boston-Area Universities

- Harvard University, Massachusetts Institute of Technology, Northeastern University, Suffolk University, etc.
- Student must get permission from the instructor to take the class
- Student signs up for Special Topics Course at Tufts (EC293, EC294) under DGS supervision
- Instructor’s assigned grade for course is registered under EC293, EC294
MASTER OF SCIENCE DEGREE IN ECONOMICS
43 UNIT RESEARCH-BASED DEGREE

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<th>Year I</th>
<th>Year II</th>
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<tr>
<td><strong>Fall</strong></td>
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<tr>
<td>Statistics (EC201)</td>
<td>Applied Econometrics (EC 207)</td>
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<tr>
<td>Microeconomics Theory I (EC203)</td>
<td>EC Theory Research Seminar (EC211, 2 units)</td>
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<td>Macroeconomic Theory I (EC205)</td>
<td>Thesis</td>
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<td>Elective</td>
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To Apply for the Research-Based MS degree

1. Think about interesting thesis topics; talk to relevant faculty
2. First-year students fill out an application in the spring semester
3. This includes the thesis topic and advisor signature
4. Graduate Committee reviews applications and admits students
Tuition

Course-Based MS:

• The tuition that you pay in the first year covers 8 courses
• So even if you stay for a third semester to finish your course-based MS, you will not be charged additional tuition.
Tuition

Research-Based MS:

• This year’s base tuition for the second year is $10,260. Plus, the same tuition scholarship rate that was applied to your tuition for the Course-Based MS is applied to the tuition for the Research-Based MS.
Thesis Support - Research Grants-in-Aid

• Supports the research of graduate students by helping them pay for expenses in connection with their research including travel to conferences, data and software acquisition, and publication expenses.

• See
  https://asegrad.tufts.edu/academics/research/funding-opportunities
Funding Opportunities

• Teaching Assistant
  – Attend Class/ Help Administer Class Meetings/ Proctor Exams - 3 hours
  – Attend Weekly Planning Meeting with Instructor - 1 hour
  – Prepare Section Presentations - 2 hours
  – Conduct Weekly Section Meetings - 2 hours
  – Hold Office Hours - 1 ½ hours (extra office hours may be needed before exams)
  – Assist in Grading - 1 ½ hours (weekly average, much week-to-week variation)
  – Register for EC405: GRAD TEACHING ASSISTANT (no units but is an indication on your transcript that you were a TA)
Funding Opportunities

• Grader
  – 3-4 hours per week for each class or section
  – 6-8 hours per week in total
Research Opportunities

• RA positions: paid
• Tend to come up on an irregular basis; depends on faculty getting grants with RA money.
• http://ase.tufts.edu/economics/opportunities/

Check the Job Opportunities link there for open research positions.
Human Developmental Economics PhD Program

• This is an interdisciplinary doctoral program with the Eliot-Pearson Department of Child Study and Human Development (CSHD) and the Department of Economics.

• This is a new Ph.D. Program that began admitting students in fall 2017.

• More information is on the Dept Website
  http://ase.tufts.edu/economics/grad/phdHDE.htm

• Or talk with Professor Zabel, the co-director of the HDE Program.
PhD Program in Economics and Public Policy

• This is a new joint doctoral program with the Tufts Economics department and the Fletcher School that began admitting students in Fall 2017.

• More information is on the Dept Website http://ase.tufts.edu/economics/grad/phdEPP.htm

• Or talk with Professor McMillan, the director of the EPP Program.
WSSS Program

Water, Systems, Science, and Society Program
• Interdisciplinary certificate program for graduate students
• The WSSS requirements are completed in addition to the student's degree requirements
• Through the use of electives and co-listed courses, the WSSS program usually will not add significant time to a graduate degree program.
• Upon completion of these activities, students receive a Certificate in WSSS as well as their graduate degree.
• Website: www.tufts.edu/water
Tisch Library Resources

- Allison Gofman – Social Science Data Librarian
  
  [https://tischlibrary.tufts.edu/about-us/departments/1](https://tischlibrary.tufts.edu/about-us/departments/1)
GSAS

• Graduate School of Arts & Sciences (GSAS) has information about a variety of initiatives, training, etc.
• To learn more about GSAS, go to http://asegrad.tufts.edu/
• Graduate Student Council (GSC) services Arts, Sciences, and Engineering graduate students at Tufts University by providing social, cultural, and educational opportunities.
• To learn more about the Graduate Student Council, go to http://go.tufts.edu/gsc/
Important Sources of Information

• Our website: http://ase.tufts.edu/economics/grad/

• Graduate Student Handbook: https://asegrad.tufts.edu/academics/graduate-student-handbook

• Academic Integrity Guidelines: http://students.tufts.edu/student-affairs/student-life-policies/academic-integrity-policy