Tufts University
Department of Economics
Master of Science Program

Welcome to the Class of 2016-2017
Graduate Program Director: Professor Jeff Zabel

Other Graduate Committee Members and Advisors:
Professor Marcelo Bianconi
Professor Ujjayant Chakravorty
Department Administrator: Debra Knox

Graduate Program Assistant: Soon to be Hired!!

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 8, 6:00 – 8:00 p.m in 113 Braker Hall.
• 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
8 Credit 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 credit 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 169: Quantitative International Finance
• EC 192-2: Social Interactions and Social Networks

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: The Mathematics of Poverty and Inequality
- 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 2016:
• E214: International Economic Policy Analysis
• E221: Advanced Seminar on Intl Trade and Investment
• E230: International Finance
• E241: Development Economics: Policy Analysis

Spring 2017:
• E240: Development Economics: Macro Perspectives
• E242: Development Economics: Micro Perspectives
• E247: Econometric Impact Evaluation for Development
• E250: Macroeconomic Problems of Middle Income Countries: Focus on Latin America

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

• Tuesday, September 6: 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 7: 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
  – 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
12 Credit RESEARCH-BASED DEGREE

<table>
<thead>
<tr>
<th>Year I</th>
<th>Year II</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fall</strong></td>
<td><strong>Spring</strong></td>
</tr>
<tr>
<td>Statistics (EC201)</td>
<td>Econometrics (EC202)</td>
</tr>
<tr>
<td>Microeconomics Theory I (EC203)</td>
<td>Microeconomic Theory II (EC204)</td>
</tr>
<tr>
<td>Macroeconomic Theory I (EC205)</td>
<td>Macroeconomic Theory II (EC 206)</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Fall</strong></th>
<th><strong>Spring</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Econometrics (EC 207)</td>
<td>EC Theory Research Seminar (EC212, ½ credit)</td>
</tr>
<tr>
<td>EC Theory Research Seminar (EC211, ½ credit)</td>
<td>Thesis</td>
</tr>
<tr>
<td>Thesis</td>
<td>Thesis</td>
</tr>
</tbody>
</table>
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 $9,980. 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
  http://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)
Funding Opportunities

• Teaching Assistant
  – Attend TA orientation this Friday
  – Register for EC405: GRAD TEACHING ASSISTANT (no credit but is an indication on your transcript that you were a TA)

• 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/econ/research/opportunities.asp](http://ase.tufts.edu/econ/research/opportunities.asp)

Check the Job Opportunities link there for open research positions.
Research Opportunities

• RA positions: unpaid
• Let me know if you are interested and what your area of interest is and he will try and connect you with the faculty member with the closest research interests.
Human Developmental Economics PhD Program

• This interdisciplinary doctoral program aims to better understand human development through the study of cultural, social, emotional, economic and behavioral interactions as they contribute to socialization and decision making.
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 will begin admitting students for fall 2017.
• More information is on the Dept Website http://ase.tufts.edu/economics/grad/PhD.htm
Human Developmental Economics PhD Program

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

• Or talk with Professor Zabel, the co-director of the HDE 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

• Josh Quan – Social Science Data Librarian
• Connie Reik - Research & Instruction Librarian for the Social Sciences and Government Publications/Information
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:  
  http://asegrad.tufts.edu/academics

• Academic Integrity Guidelines:  
  http://students.tufts.edu/student-affairs/student-life-policies
First Friday Happy Hour
4:30 – 6:00 pm

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 9</td>
<td>Prof. Jeffrey Zabel</td>
</tr>
<tr>
<td>October 7</td>
<td>Prof. Federico Esposito</td>
</tr>
<tr>
<td>November 4</td>
<td>Chris Di Fronzo, Career Center</td>
</tr>
<tr>
<td>December 2</td>
<td>Grad Student Egg Timer Session</td>
</tr>
</tbody>
</table>