Discussion Outline

1. Introduction to the department
2. Program Learning Outcomes
3. Advising Package
   • Basic requirements
   • Concentrations
   • Advising suggestions
4. Other resources
5. Our Faculty
Course Modalities

• **In-Person:** Students must attend all class sessions on campus.

• **Hybrid:** Class sessions alternate between in-person on campus and remote via Zoom. Students must attend some classes in person.

• **Hyflex:** Class sessions are held in-person on campus, and simultaneously broadcast / recorded via zoom. Students have the option of attending on campus or remotely.
Check the schedule carefully…

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Section</th>
<th>Title</th>
<th>Days</th>
<th>Time</th>
<th>Credits</th>
<th>Instructor</th>
<th>Room</th>
<th>Notes</th>
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<tr>
<td>ECON 312</td>
<td>01</td>
<td>4.000 Intermediate</td>
<td>TR</td>
<td>12:45-14:11</td>
<td>0.5</td>
<td>Mario Bruno</td>
<td>CO 418</td>
<td>UG MRI-International Studies and Hyflex Modality and Tuition (Liberal Arts)</td>
</tr>
<tr>
<td></td>
<td>02</td>
<td>Macroeconomics</td>
<td>TRS</td>
<td>10:30-11:35</td>
<td>0.5</td>
<td>Man-Lui Lau</td>
<td>RMT</td>
<td>UG MRI-International Studies and Hyflex Modality and Tuition (Liberal Arts)</td>
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<td>4.000 Econometrics</td>
<td>T</td>
<td>12:45-14:11</td>
<td>0.5</td>
<td>Michael R Jonas</td>
<td>RMT</td>
<td>Hybrid Modality and Tuition (Liberal Arts)</td>
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<td></td>
<td>R</td>
<td>12:45-14:11</td>
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<td>Michael R Jonas</td>
<td>LM 344</td>
<td>Hybrid Modality and Tuition (Liberal Arts)</td>
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<td>TR</td>
<td>09:55-11:40</td>
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<td>Todd M Fitch</td>
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</tbody>
</table>
Who are your Economics Major advisors?

Prof. Michael Jonas mrjonas@usfca.edu, McLaren 123

Prof. Sandhyarani Patlolla spatlola@usfca.edu McLaren 102

Prof. Man-Lui Lau laum@usfca.edu, KA 218
Where else can you get assistance?

Michelle Santana

Program Assistant of Economics Department

msantana2@usfca.edu

415-422-2765

McLaren 103
Program Learning Outcomes: What will we be learning?

• **Economic literacy**
  Students will engage in the systematic study of foundational economic concepts and relate them to economic problems and phenomena faced by people and firms.

• **Economic theory**
  Students will use mathematical models, relational diagrams, and optimization techniques from microeconomic and macroeconomic theory to analyze real world economic problems and generate testable predictions about economic phenomena.

• **Empirical economics**
  Students will apply quantitative statistical analysis and experimental methods to conduct data-driven inference, interpret figures and statistical tables, test theories, and identify causal relationships.

• **Economic citizenship**
  Students will employ economic reasoning and quantitative techniques to evaluate and critique economic policies, arguments, and social problems, with a particular emphasis on the role economics plays in advancing human well-being for the poor and disadvantaged.
The advising package includes all important information about:

1. USF Requirements
2. CORE Requirements
3. ECONOMICS Requirements

Please keep YOUR advising package until you graduate.
USF Requirements

- **Minimum Requirements for USF Degree (College of Arts and Sciences)**

1. Major Requirements: Complete at least 48 units in Economics *(or at least 12 Economics or approved related Courses, 4 units each)*

2. Core Requirements: 44 units

3. Foreign Language Requirement: *1 semester (For BS)*

4. Minimum 128 units (notes: units for repeated courses are not counted twice, except for Directed Studies, Special Topics courses, and ESS Activity courses)

5. "C" average (2.00) cumulative USF GPA

6. "C" average (2.00) GPA in Economics courses

- **If you are a transfer student:**

7. Minimum 44 units in residency at USF

8. Minimum 16 upper division units of Economics courses in residency at USF
CORE Requirements (Part I)

Area A. Foundations of Communication
• 1. Public Speaking (4 units)
• 2. Rhetoric and Composition* (4 units)

*Must complete RC120, 131, 140, or 250 (a grade of C- or higher is required)

Area B. Math and the Science
• 1. Math or Quantitative Science (MATH 101 covers this) (4 units)
• 2. Natural or Laboratory Science (4 units)
CORE Requirements (Part 2)

Area C. Humanities
• 1. Literature (4 units)
• 2. History (4 units)

Area D. Philosophy, Theology, and Ethics
• 1. Philosophy (4 units)
• 2. Theology (4 units)
• 3. Ethics (4 units)

Area E. Social Sciences (ECON 111 or 112) (4 units)

Area F. Visual and Performing Arts (4 units)

TOTAL: 44 UNITS
CORE Requirements (Part 3)

Integration of Service Learning and Cultural Diversity

• 1. Service Learning / Community Engaged Learning (SL/CEL)
• 2. Cultural Diversity (CD)

Language Requirement*

• 1. 1st Semester (4 units)
General Economics Major Requirements

Required Courses – Everybody takes these (28 units)
1. MATH 101 or 106 Statistics
2. ECON 111: Principles of Microeconomics
3. ECON 112: Principles of Macroeconomics
4. ECON 120: Economics Methods (Requires MATH 101 as prereq, may sub MATH 109)
5. ECON 311: Intermediate Microeconomics
6. ECON 312: Intermediate Macroeconomics
7. ECON 320: Econometrics

FIVE Additional Economics Courses (20 units)
1. Students need to complete 5 additional Economics courses (4 units each).
2. No 200-level Courses (Do not enroll in 280)
   3. No less than 8 units at the 400-level (includes capstone)
   4. One Capstone Course – either ECON 425 or 427

TOTAL: 48 UNITS of Economics
Econ Major Concentrations

• You MAY choose to adopt a “concentration” within the Economics Major.

• This will provide a specific set of elective courses devoted to a particular area of study within the general discipline.

• Your choices are: Financial Economics, Development Economics, or International Economics

• The process for selecting a concentration is the same as adding or changing your major or minor – online through the ‘change of academic program’ form on your USF connect account.
Financial Econ. Concentration Requirements

Required Courses (28 units)
- 1. MATH 101 Statistics
- 2. ECON 111: Principles of Microeconomics
- 3. ECON 112: Principles of Macroeconomics
- 4. ECON 120: Economics Methods (Requires MATH 101 as prerequisite)
- 5. ECON 311: Intermediate Microeconomics
- 6. ECON 312: Intermediate Macroeconomics
- 7. ECON 320: Econometrics

FINANCIAL ANALYSIS CONCENTRATION REQUIREMENTS (8 UNITS)
- 1. ECON 350 – Money and Banking
- 2. ECON 451 – Monetary Economics

CONCENTRATION ELECTIVES (8 UNITS)
- 3. ECON 3XX or 4XX
- 4. ECON 4XX

CAPSTONE REQUIREMENT (4 UNITS)
- 5. ECON 425 – Financial Econometrics
International Econ. Concentration Requirements

Required Courses (28 units)
• 1. MATH 101 Statistics (or MATH 106)
• 2. ECON 111: Principles of Microeconomics
• 3. ECON 112: Principles of Macroeconomics
• 4. ECON 120: Economics Methods (Requires MATH 101 as prerequisite)
• 5. ECON 311: Intermediate Microeconomics
• 6. ECON 312: Intermediate Macroeconomics
• 7. ECON 320: Econometrics

INTERNATIONAL ECON CONCENTRATION REQUIREMENTS (8 UNITS)
• 1. ECON 370 – International Trade
• 2. ECON 471 – International Finance

CONCENTRATION ELECTIVES (8 UNITS)
• 3. ECON 3XX or 4XX
• 4. ECON 4XX

CAPSTONE REQUIREMENT (4 UNITS)
• 5. ECON 427 – Applied Econometrics Capstone
Development Econ. Concentration Requirements

Required Courses (28 units)
• 1. MATH 101 Statistics
• 2. ECON 111: Principles of Microeconomics
• 3. ECON 112: Principles of Macroeconomics
• 4. ECON 120: Economics Methods (Requires MATH 101 as prerequisite)
• 5. ECON 311: Intermediate Microeconomics
• 6. ECON 312: Intermediate Macroeconomics
• 7. ECON 320: Econometrics

DEVELOPMENT ECON CONCENTRATION REQUIREMENTS (8 UNITS)
• 1. ECON 372 – Economic Development
• 2. ECON 475 – Population and Labor Econ, ECON 476 – Natural Resource Econ, ECON 473 Dev. Micro, or ECON 474 Dev Macro.

CONCENTRATION ELECTIVES (8 UNITS)
• 3. ECON 3XX or 4XX
• 4. ECON 4XX

CAPSTONE REQUIREMENT (4 UNITS)
• 5. ECON 427 – Empirical Research
The Bubble Chart – 7 required course sequence

- MATH 101
- ECON 111
- ECON 112
- ECON 120
- ECON 311
- ECON 312
- ECON 320
<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Prerequisite</th>
<th>Course Offered (Fall/Spring)</th>
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<td>Econ 111</td>
<td>Principles of Microeconomics</td>
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<td>Econ 112</td>
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<td>F/S</td>
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<td>Econ 120</td>
<td>Economic Methods</td>
<td>Math 101</td>
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<td>Econ 300</td>
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<td>Econ 311</td>
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<td>Econ 111 &amp; Econ 120 OR Math 109 + Math 101</td>
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<tr>
<td>Econ 312</td>
<td>Intermediate Macro.</td>
<td>Econ 102 OR 112</td>
<td>F/S</td>
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<tr>
<td>Econ 318</td>
<td>Game Theory</td>
<td>Econ 111</td>
<td>S</td>
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<tr>
<td>Econ 320</td>
<td>Econometrics</td>
<td>Econ 120 OR (Math 109 + 101)</td>
<td>S</td>
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<tr>
<td>Econ 350</td>
<td>Money &amp; Banking</td>
<td>Econ 111 &amp; Econ 112</td>
<td>F</td>
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<tr>
<td>Econ 370</td>
<td>International Trade</td>
<td>Econ 111 &amp; Econ 112</td>
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<td>Econ 372</td>
<td>Economic Development</td>
<td>Econ 111 &amp; Econ 112</td>
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<td>Econ 390</td>
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<td>Econ 415</td>
<td>Mathematics for Economists</td>
<td>Econ 120 OR 311</td>
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<td>Econ 424</td>
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<tr>
<td>Econ 425</td>
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<td>Econ 320</td>
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<td>Econ 451</td>
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<td>Econ 455</td>
<td>Options and Futures</td>
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<td>Econ 463</td>
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<td>Econ 471</td>
<td>International Finance</td>
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<td>Econ 476</td>
<td>Natural Resource Economics</td>
<td>Econ 311</td>
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Typical Suggested Schedule – Finance Concentration

- **FALL 1**: ECON 111, MATH 101, 2 Core [4 econ units, 16 total]
- **SPRING 1**: ECON 112, three core [8 econ units, 32 total]
- **FALL 2**: ECON 120, ECON 312, two core [16 econ units, 48 total]
- **SPRING 2**: ECON 311, ECON 320, two core [24 econ units, 64 total]
- **FALL 3**: ECON 350, **ECON 425**, two core [32 econ units, 80 total]
- **SPRING 3**: ECON 451, ECON 455, two core [40 econ units, 96 total]
- **FALL 4**: ECON 370, three core/electives [48 econ units = DONE, 112 total]
- **SPRING 4**: 4 core/elective/minor units = 128 total units = DONE!!
Typical Suggested Schedule – Development Concentration

- FALL 1: ECON 111, MATH 101, 2 Core [4 econ units, 16 total]

- SPRING 1: ECON 112, three core [8 econ units, 32 total]

- FALL 2: ECON 120, ECON 312, two core [16 econ units, 48 total]

- SPRING 2: ECON 311, ECON 320, two core [24 econ units, 64 total]

- FALL 3: ECON 372, three core [28 econ units, 80 total]

- SPRING 3: ECON 476, ECON 427, two core [36 econ units, 96 total]

- FALL 4: ECON 370, ECON 318 [48 econ units = DONE, 112 total]

- SPRING 4: 4 core/elective/minor units = 128 total units = DONE!!
Typical Suggested Schedule – International Concentration

• **FALL 1**: ECON 111, MATH 101, 2 Core [4 econ units, 16 total]

• **SPRING 1**: ECON 112, three core [8 econ units, 32 total]

• **FALL 2**: ECON 120, ECON 312, two core [16 econ units, 48 total]

• **SPRING 2**: ECON 311, ECON 320, two core [24 econ units, 64 total]

• **FALL 3**: **ECON 370**, ECON 3xx, two core [32 econ units, 80 total]

• **SPRING 3**: **ECON 471**, **ECON 427**, two core [40 econ units, 96 total]

• **FALL 4**: ECON 3xx, three core/electives [48 econ units = DONE, 112 total]

• **SPRING 4**: 4 core/elective/minor units = 128 total units = DONE!!
How Many Units Should I take each semester?

• The standard load is 16 units, and that is what is required to graduate in 4 years (8 semesters x 16 units = 128 units)

• Students may petition to take 20 units in a semester with the approval of your advisor and Associate Dean Marvella Luey (CASA).

• Typically, a 3.50 GPA is required for approval.
The Degree Evaluation Tool on MyUSF

<table>
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<th>Student</th>
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<td>Major GPA</td>
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Know the people named here...
- Know all of the requirements for your degree.

- Plan ahead on how to fulfill them all.

- Make sure each class you enroll in fulfills at least one criteria.
• Ask your major adviser about course substitutions within the major (we’re very flexible!)

• Check your “open electives” category for courses that should/could fulfill requirements. ESPECIALLY TRANSFER STUDENTS!

• Degree Eval ”resets” when you change you program (minors/majors/concentrations) – check it often!
When Should I talk to my adviser?

• Each semester when it is time to register for classes, you will have an “Advising Hold” on your account.

• Only your adviser can remove the hold

• The hold will be removed once you contact your adviser and talk over your schedule (by appointment or over email)
When Should I talk to my adviser?

• Any time you drop a class
• Any time you add a class
• Any time you fail a class
• If I Study Abroad
• ANY TIME I’m not sure…
When Should I talk to my adviser?

• Be proactive! Talk to us well before course registration time.

• Be prepared! Draw up a graduation plan on your own, run it by your adviser each semester as you make progress and plans change.

Talk to your profs! All econ faculty can help with your major planning and answer questions.
A word of warning…

• Your advisers are here to help, but your education and graduation plan is your responsibility

• You need to know the requirements and make good choices
Another word of warning…

• We do our best to maintain continuity and capacity of course offerings, however…

Sometimes a class you need is full

Sometimes a class you need is cancelled or not offered

Come talk to myself or your adviser, we will find a solution
Some more advice

When emailing your adviser or faculty in general:

• Be respectful (“Dear Professor Smith”, as opposed to “Hey there Jim”)

• Have specific questions or requests, show that you’ve put some thought into the issue, whatever it may be (“these are the courses I’m planning on taking next year, does this seem like a good plan?” as opposed to “please tell me what to do”)

• Include your student ID in your email – we know who you are, but it makes it easier to access your degree evaluation.
Should I have a Minor?

• A Minor can be a nice complement to your major, and a signal that you are a serious student with multiple interests and broad knowledge. All Minors require 20 units, or 5 courses to complete, although some courses may overlap with core/major courses.

• My rule of thumb is that a minor is a good idea, but certainly not worth adding a semester or significant stress to your undergrad experience: Plan Ahead!

• Some minors that go well with Econ are (and have overlapping courses):

  • Computer Science
  • Mathematics
  • Languages
  • Politics / Legal Studies
  • Environmental Science
Department Seminars

Thursday Afternoons we invite economists from other institutions to present their work.

Although geared toward our graduate students, you guys are very welcome, and it is a great way to see what “doing” economic research looks like.
USF Student Resources

**CASA** – Your Academic Success Coach

The Learning and Writing Center – tutoring

The Career Center – interviews and resumes

The Library – reference and research help

**CAPS** – counseling and psychological services
Your Full Time Faculty
Professor Jesse Anttila-Hughes
• ECON 111: Principles of Microeconomics
• ECON 476: Natural Resource Economics and Development Policy
• Graduate Econometrics
Professor Alessandra Cassar
ECON 120: Economic Methods
ECON 463: Experimental Economics
Program Director MS IDEC
Professor Suparna Chakraborty
Associate Dean for Academic Effectiveness
ECON 112: Principles of Macroeconomics
ECON 312: Intermediate Macro
ECON 471: International Finance
Professor Michael Jonas (@MichaelRJonas)
ECON 427 Applied Econometrics Capstone
ECON 320 Introduction to Econometrics
ECON 425 Econometrics of Financial Markets
Program Director BS ECON, undergraduate adviser
Faculty Director Curriculum Development
Professor Elizabeth Katz
(On Leave)

ECON 372: Economic Development
Professor Man-Lui Lau

ECON 312 Intermediate Macro
ECON 415: Mathematics for Economists
ECON 455: Options and Futures

Undergrad Adviser
Professor Mario B. Muzzi

- ECON 111: Principles of Microeconomics
- ECON 311: Intermediate Micro
- ECON 370: International Economics
- ECON 365: Behavioral Economics
- ECON 465: Law and Economics
**Professor Sandhya Patlolla**

- *Undergraduate Advisor*
- ECON 111: Principles of Microeconomics
- ECON 112: Principles of Macroeconomics
- ECON 372: Economic Development
- ECON 311: Intermediate Micro
- ECON 471 International Finance
Professor Peter Lorentzen (@peterlorentzen)
ECON 670: Intl. Trade
ECON 312: Intermediate Macroeconomics
ECON 318: Game Theory

Program Director of MS Applied Economics Program
Professor Bruce Wydick
Graduate Econometrics and Development
ECON 473 Dev. Micro
ECON 280 The Global Economy
Professor Timothy Tung


Micro, Macro, Monetary, ‘metrics!'
Professor Emeritus Michael Lehmann
ECON 300: US Economic History
ECON 306: Economies of Modern Europe
ECON 324: Internet Data Sources

Namesake of the annual “Mike Lehmann award” for outstanding undergraduate student
Professor Robizon Khubulashvili

ECON 111: Principles of Micro
Our Excellent Part-Time Faculty:

Samuel Riewe
Jean Driscoll
Todd Fitch
Anne Wenzel
Jia Li
Alexandra Orsola-Vidal
Joel Voelz
Norman Lo
WELCOME TO USF!

Have a great semester!