

UNIVERSITY OF FLORIDA
Macroeconomic Analysis (ECO 5207)

Spring 2024 Prof. Min Fang

Course Description

ECO 5207 prepares master's students to be literate in macroeconomic topics. We will focus on the business cycle; long-run growth requires its own class. Principally, you will become familiar with modern macroeconomic central forces, mechanisms, and frictions driving business cycles. You will learn the microeconomic theory that underpins macroeconomic outcomes. Lastly, you will become equipped to explain and apply the main conclusions of the field and understand which areas we are still determining.

Instructor

Min Fang
Assistant Professor, Department of Economics, University of Florida
(minfang@ufl.edu) | (MAT 322)

Teaching Assistants

Qiushi Hua, Ph.D. Candidate of Economics
(huaqiushi@ufl.edu)

Class Schedule

Time: Monday and Wednesday, Periods 7-8 (1:55 PM - 3:50 PM)
Room: MAT 114

Office Hour

Professor Office Hour: Wednesday 11:30 AM - 12:30 PM @ MAT 322
TA Office Hour: Likely Friday 15:00 PM -17:00 PM @ Zoom (For in-person, email TA)

Required Textbook

Garin, Lester, and Sims, *Intermediate Macroeconomics* (open-source text, version: 3.0.0)
Link: https://github.com/ethanminfang/Intermediate-Macroeconomics/blob/main/00_Textbook_GLS_2018_version_3.0.0.pdf
Others: Periodically, I will/may assign supplemental readings.

Course Schedule

The class will be ordered as follows, although I reserve the right to adjust the schedule (I may deduct some contents if you need help following all the materials).

Module 1: Neoclassical Macro

Week 1 (01/10) – Introduction (Ch. 1/2/3) (no class on 01/08)

Week 2 (01/17) – Dynamic Consumption-Saving Model (Ch. 9/10)

Week 3 (01/22 and 01/24) – Endowment Economy Equilibrium & Fiscal Policy (Ch. 11/13)

Week 4 (01/29 and 01/31) – Production & Money (Ch. 12/14/20)

Week 5 (02/05 and 02/07) – Business Cycle, Data, & Critiques (Ch. 17/18/19/21)

Week 6 (02/12 and **02/14**) – Pre-Midterm Review | **Midterm 1**

Module 2: New Keynesian Macro

Week 7 (02/19 and 02/21) – IS-LM-AD model (Ch. 23)

Week 8 (02/26 and 02/28) – IS-LM-AD-AS model (Ch. 24/25)

Week 9 (03/11 and 03/13) – Dynamics and the Phillips Curve (Ch. 26)

Week 10 (03/18 and 03/20) – Monetary Policy and the Zero Lower Bound (Ch. 27/28)

Week 11 (03/25 and **03/27**) – Pre-Midterm Review | **Midterm 2**

Module 3: Macro-Finance

Week 12 (04/01 and 04/03) – Bank, Money Creation, Bank Run (Ch. 30/31/32)

Week 13 (04/08 and 04/10) – Bonds and Stocks (Ch. 33/34)

Week 14 (04/15 and 04/17) – Financial Factors & Financial Crisis (Ch. 35/36)

Week 15 (**04/22**) – **Midterm 3**

Problem Sets

There will be problem sets assigned most weeks. Problem sets will always be assigned at least a week before they are due. I encourage you to work in small groups to solve the problem sets but be sure you can understand and solve them individually. The exam problems will reflect - but not exactly resemble - those on the problem sets.

Grading

Problem sets will account for 25% of your grade. The first midterm will account for 25%, the second midterm will account for 25%, and the third midterm will account for 25%. Finally, random attendance checks will be used for the curve of final grades (no clear rules will be made here). After all the scores are available, I will assign letter grades based on a curve. The specific distribution of the grades will depend on the class's overall performance.

Two rules for problem sets. First, your lowest problem set grade will be dropped. Second, I will allow each student one no-questions-asked 48-hour extension for a late problem set if they email me before the deadline. These are lenient policies, so no other extensions or late problem sets will be allowed.

Three rules for midterms. First, I do not allow make-up exams. Second, if you miss one of the midterms due to illness (official doctor's notes are required, and you must let me know at least one day before the exam), you could allocate the weight equally to the other two without penalty. Third, if you miss one of the midterms voluntarily (you must let me know at least one day before the exam), you could have the weight allocated equally to the other two, but with a penalty of -5 points when calculating the final letter grade (say if you have assignments of 25, missed midterm 1, midterm 2 of 25, midterm 3 of 25, your final grade would be $25 + (25 + 25) * 0.75 / 0.50 - 5 = 95$).

Assignments	Midterm 1	Midterm 2	Midterm 3
25%	25%	25%	25%

The final letter grade will be determined using the following scale, where the course score will be rounded to the nearest whole number. Once the final exam is graded, there will be no opportunity to change your grade or provide you with any extra credit after the fact.

A 93-100	A- 90-92	B+ 87-89	B 83-86	B- 80-82	C+ 77-79
C 73-76	C- 70-72	D+ 67-69	D 60-66	E 0-59	

Boilerplate

Enrollment in this course constitutes acknowledgment of the following:

- 1) the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that my failure to comply with this commitment may result in disciplinary action, including expulsion from the University.
- 2) I will adhere to university copyright policies.
- 3) Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student, who must then provide this documentation to the instructor when requesting accommodation.

University-mandated Disclaimer for Online Courses

Our class sessions may be audio-visually recorded for students in the class to refer back to and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image agree to have their video or image recorded. If you are unwilling to consent to having your profile or video image recorded, keep your camera off and do not use a profile image. Likewise, students who unmute during class and participate verbally are agreeing to have their voices recorded.

If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

Additional University-wide Resources

Grading policies: <https://catalog.ufl.edu/UGRD/academic-regulations/grades-grading-policies/>

Attendance policies: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Honor code: <https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/>