

## Economics 303(L3) Intermediate Economic Theory – Macroeconomics I

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Lecture Location: ZOOM Delivery  
Lecture Days/Time: TR 11:00 – 12:15

Office: SS342 (visits by appointment only)  
Office Hours: TR 15:00 – 16:00 (ZOOM Delivery)

Fall 2021

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### Course Description:

This is the first of the two intermediate-level macro theory courses (the second being ECON 359) required to major in Economics. This course introduces a basic macroeconomic model known as the IS-LM-AD-AS model. The model has numerous applications, some of which we shall discuss in this course. We will also use the model to study the effects of various macroeconomic shocks and policies on the economy.

### Course Learning Outcomes:

After completing this course, students will know

- i. what the subject matter of macroeconomics is
- ii. what the key macroeconomic variables are and how they are measured
- iii. the conditions for equilibrium in the goods market (the IS curve) and the money market (the LM curve)
- iv. AD-AS model of the medium run
  - a. how the joint equilibrium in the goods and money markets, together with an exogenously changing general price level, gives rise to the aggregate demand (AD) curve
  - b. the conditions for equilibrium in the labor market and how the labor-market equilibrium is related to the aggregate-supply (AS) curve
  - c. the factors that affect the joint equilibrium in the goods, money and labor markets (i.e. in the IS-LM-AD-AS model)
- v. how the IS-LM-AD-AS model for an open economy (the Mundell-Fleming model) differs from the one for a closed economy
- vi. how to derive the Phillips Curve from the aggregate-supply curve and understand the policy implications of a negatively sloping Phillips curve
- vii. how inflation and money growth are related in both the short run and the long run
- viii. how to examine the possible effects of monetary, fiscal and exchange-rate policies using the IS-LM-AD-AS model
- ix. what role expectations play in the IS-LM-AD-AS model
- x. the various types of economic crisis and how to analyze them within the framework of the IS-LM-AD-AS model

**Course Outline:**

1. The Goods Market (chapter 3)
2. Financial Markets (chapter 4)
3. Goods and Financial Markets: The IS-LM Model (chapter 5)
4. Openness in Goods and Financial Markets (chapter 6)
5. The Goods Market in an Open Economy (chapter 7)
6. Open-Economy IS-LM Model (chapter 8 and instructor's notes)
7. The Labor Market (chapter 9)
8. The Basic AD-AS Model (chapter 10)
9. The AD-AS Model: Liquidity Trap and Supply Shocks (chapter 11)
10. The Phillips Curve (chapter 12)
11. Inflation, Economic Growth and Money Growth (chapter 13)

**Prerequisites/corequisites:**

*Economics 201 and 203; and 3 units from Mathematics 249, 265 or 275*

**Recommended Textbook(s):** Blanchard, Olivier, and David Johnson. 2015. *Macroeconomics*, fifth Canadian edition. Toronto: Pearson Canada Inc.

**Additional Required Readings:**

These readings will be provided by the instructor on D2L.

1. Spilimbergo, Antonio, Steve Symansky and Martin Schindler. 2009. "Fiscal Multipliers." IMF Staff Position Note, SPN/09/11. Washington D.C., USA: The International Monetary Fund.
2. Bank of Canada. 2011. "Canada's Money Supply." Bank of Canada Backgrounder.
3. Romer, David. 2000. "Keynesian Macroeconomics without the LM Curve." *Journal of Economic Perspectives*, 14:2, pp. 149--169.
4. Bank of Canada. 2012. "The Exchange Rate." Bank of Canada Backgrounder.
5. Wikipedia (2019). "Dutch Disease."
6. Powell, James. 2005. "A History of the Canadian Dollar." Bank of Canada, pp. 66-70.
7. Statistics Canada. 2021. "Labour Force Survey." (Most recent month)
8. Wikipedia. 2019. "Misery Index (Economics)."
9. *The Economist*. 2019. "Economic and Financial Indicators." April 13th, p. 84.
10. Blinder, Alan S. 2018. "Is the Phillips Curve Dead? And Other Questions for the Fed." *Wall Street Journal*, Eastern Edition, New York, N.Y., 4 May 2018, A.15.
11. *Wall Street Journal*. 2018. "Was the Phillips Curve Ever a Reliable Tool?" *Wall Street Journal*, Eastern Edition, Letters to the Editor, New York, N.Y., 10 May 2018, A.16.
12. Foy, Morgan. 2019. "Is the Phillips Curve Still a Useful Guide for Policymakers?" *The NBER Digest* (September), National Bureau of Economic Research, p. 4.

**Online Delivery:**

This course will be delivered online. Students are expected to be able to participate online in accordance with this Course Outline. Lectures, assignments, office hours, exams, readings and other course material, etc. all require online access and this access is the responsibility of the student.

In order to remotely participate in online courses, students will need to have: a computer with a current and updated operating system (macOS or Windows will work with all university-supported online learning technologies), a current and updated web browser installed – the latest versions of Firefox, Safari, Chrome or Edge will help to avoid compatibility issues, secure and reliable internet, microphone / headphones, webcam (optional), scanner (or camera to scan your work).

**Desire2Learn:**

This course will make use of the Desire2Learn (D2L) platform. Students who are registered in the course can log on at <http://d2l.ucalgary.ca> through their student centre. Please note that D2L features a class e-mail list that may be used to distribute course-related information. These e-mails go to your University of Calgary e-mail addresses only.

**Lectures:**

Lectures will be delivered online at the Registrar scheduled times and delivered using ZOOM. The lectures will be recorded and subsequently posted to D2L.

**Tutorials:**

Students are expected to attend “virtually” the tutorial sections to which they have been assigned. Tutorials will be offered online, typically using ZOOM, but can involve moderated discussion boards and curated delivery of alternative online resources. During the tutorials, the TA will discuss pre-assigned questions and additional material relevant to the course that is not covered in lectures.

**Grade Determination and Final Examination Details:**

Readings	5%
Problem Sets	15%
Midterm 1	20%
Midterm 2	20%
Final Exam	40%
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	100%

The official grading system will be used. See <http://www.ucalgary.ca/pubs/calendar/current/f-1-1.html>.

Students must receive a passing grade on the final exam to pass the course.

If a student’s letter grade on the final exam exceeds their midterm(s) letter grade, the weight of the midterm(s) may be transferred to the final exam at the discretion of the instructor. The student must have written the midterm(s) or provided supporting documentation for the absence(s) such as a medical note or statutory declaration.

As per the Writing Across the Curriculum Statement in the Calendar, writing and grading thereof will be a factor in the evaluation of student work. See <https://www.ucalgary.ca/pubs/calendar/current/e-2.html>.

Course material dealing with a particular assignment will typically be covered in class at least three days before the assignment is due; thus, assignments can be completed at any time up to and including the due date. Given these factors, only situations where someone can document illness or domestic affliction for an extended period (i.e., the entire three days prior to the due date) would possibly warrant shifting the assignment weight to the final exam. Furthermore, technical problems can be expected to occur with computer systems (and internet availability) so it may be a good idea to not wait until the last minute to submit your assignment.

Each midterm exam is designed and intended to be completed in one hour. The exams will be CLOSED book. The exams will be available on D2L. Student will download the exam from D2L, complete it, scan it, and submit using Dropbox in D2L. Student will have 50% extra time to complete the exam. The dates and times of the two midterm exams are the following:

Midterm 1: 12-Oct-21 (Tuesday), 11:00 AM to 12:30 PM

Midterm 2: 16-Nov-21 (Tuesday), 11:00 AM to 12:30 PM

For students who cannot write a midterm during the common assessment time, an alternative exam will be available exactly 12 hours before the common assessment time above. The duration of the exam will be the same (one hour plus 50% extra time). In other words, there will be two versions of each midterm exam: one will be given at the time indicated above and the other exactly 12 hours before.

The final examination will be comprehensive and scheduled by the Registrar. The final exam is designed and intended to be completed in two hours. The exam will be CLOSED book. Students will download the exam from D2L, complete it, scan it, and submit using Dropbox in D2L. Student will have 50% extra time to complete the exam. Common final exam time begins 3 hours before the end time of the Registrar's scheduled final exam for this course. For students who cannot write the final during the common exam time, an alternative exam will be available exactly 12 hours before the common exam time.

All other course components will also be accessed, submitted, and returned through D2L.

If a student cannot write their final exam on the date assigned by the Registrar's Office, they need to apply for a deferred exam <https://www.ucalgary.ca/pubs/calendar/current/g-6.html>. Under no circumstance will this be accommodated by the Department.

Tests and exams WILL NOT involve multiple choice questions and / or fill-in-blank questions.

THERE WILL BE NO MAKEUP OR DEFERRED QUIZZES/TESTS/EXAMS under any circumstances, nor may the quizzes/tests/exams be written early. Students unable to write the quizzes/tests/exams because of documented illness, family emergency, religious observance, or university-sanctioned event will have the weight shifted to the final examination; otherwise a grade of zero will be assigned.

**Reappraisal of Grades and Intellectual Honesty:**

*For Reappraisal of Graded Term Work, see Calendar I.2*

<http://www.ucalgary.ca/pubs/calendar/current/i-2.html>

*For Reappraisal of Final Grade, see Calendar I.3*

<http://www.ucalgary.ca/pubs/calendar/current/i-3.html>

**Academic Misconduct**

Academic Misconduct refers to student behavior that compromises proper assessment of students' academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.

Student committing academic misconduct during the final exam will not receive a passing grade for the course.

For information on the Student Academic Misconduct Policy, Procedure and Academic Integrity, please visit: <https://www.ucalgary.ca/pubs/calendar/current/k-3.html>

**Academic Accommodations:**

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services. SAS will process the request and issue letters of accommodation to instructors. Students who require an accommodation in relation to their coursework based on a protected ground other than disability should communicate this need in writing to their Instructor. The full policy on Student Accommodations is available at

<https://www.ucalgary.ca/legal-services/university-policies-procedures/accommodation-students-disabilities-procedure>

**Freedom of Information and Protection of Privacy (FOIP) Act:**

Personal information is collected in accordance with FOIP. Assignments can only be returned to the student and will be accessible only to authorized faculty and staff. For more information, see

<https://www.ucalgary.ca/legal-services/access-information-privacy>

**Copyright Legislation:**

See the University of Calgary policy on Acceptable Use of Material Protected by Copyright at <https://www.ucalgary.ca/legal-services/university-policies-procedures/acceptable-use-material-protected-copyright-policy> Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy.

Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

**Recording of Lectures:**

Recording of lectures is prohibited, except for audio recordings authorized as an accommodation by SAS or an audio recording for individual private study and only with the written permission of the instructor. Any unauthorized electronic or mechanical recording of lectures, their transcription, copying, or distribution, constitutes academic misconduct. See <https://www.ucalgary.ca/pubs/calendar/current/e-6.html>.

**Important Dates:**

Please check: <http://www.ucalgary.ca/pubs/calendar/current/academic-schedule.html>.

**Student Organizations:**

Faculty of Arts Students' Association (F.A.S.A.):  
Economics Department Representative  
E-mail: [econrep@fasaucalgary.ca](mailto:econrep@fasaucalgary.ca)  
Website: [www.fasaucalgary.ca](http://www.fasaucalgary.ca).

Society of Undergraduates in Economics: <https://www.ucalgarysue.com/>

Society of Undergraduates in Economics is a student run organization whose main purpose is to assist undergraduate economics students to succeed both academically and socially at the University of Calgary. Services include access to the exam bank, career events such as Industry Night and information

sessions, mentorship programs, and social events for members. They invite you to join by contacting SUE at [societyofundergradsineconomics@gmail.com](mailto:societyofundergradsineconomics@gmail.com).

**Faculty of Arts Program Advising and Student Information Resources:**

- Have a question, but not sure where to start? The Arts Students' Centre is your information resource for everything in Arts! Call them at 403-220-3580, or email them at [artsads@ucalgary.ca](mailto:artsads@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>, which has detailed information on common academic concerns, including program planning and advice.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625].

**Student Support and Resources:**

- See <https://www.ucalgary.ca/registrar/registration/course-outlines> for information on campus mental health resources, the Student Ombuds Office, Student Success Centre, Safewalk, and Emergency Evacuation and Assembly.
- Online writing resources are available at <https://ucalgary.ca/student-services/student-success/writing-support>.

**Notes:**

1. Students are responsible for all assigned material, e.g., supplementary material posted on D2L, regardless of whether or not the material was covered in class.
2. Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments, and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed, or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

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06-AUG-2021