

ECON8022/ECON4422 MACROECONOMIC THEORY

The course will build on and extend material presented in previous undergraduate economic courses. We will cover a significant amount of theory and applications. Students are expected to be comfortable with analytical thinking and have an aptitude for developing computational skills.

Topics will include the study of: (i) Development of macroeconomic theories; (ii) Construction of main macroeconomic models; and (iii) Applications for policy analysis.

Mode of Delivery	On campus
Prerequisites	
Course Convener:	Dr. Chung Tran
Phone:	+61 2 6125 5638
Email:	ECON.8022.ANU@gmail.com
Office hours for student consultation:	By Appointment
Research Interests	Fiscal Policy, Taxation, Social Insurance
Relevant administrator if any	Nicole Millar
Phone:	6125 0384
Email:	Enquiries.rse@anu.edu
Lecturer(s)	Dr. Chung Tran
Phone(s):	+61 2 6125 5638
Email(s):	ECON.8022.ANU@gmail.com
Office hours for student consultation:	By Appointment
Tutor(s)	Dr. Chung Tran

SEMESTER 2 - 2018

COURSE OVERVIEW

Course Description

This course builds on the model techniques developed in the first year PhD level macroeconomics to expose research students to modern analytical tools and contemporary issues in macroeconomics. It will cover workhorse macro models and applications to analyzing topical macroeconomic policy issues. It is designed to provide students with some perspective on how and why macro developed the way it has and to help prepare students to do research near the frontier of the field.

Learning Outcomes

A student who successfully passes this course is expected to possess the following ability to:

1. Read and understand recent developments published in rigorous professional outlets.
2. Distil complex dynamic economic problems or facts into a parsimonious and relevant modeling framework. This involves discerning what are important assumptions to make in modelling, when faced with a given issue to address.
3. Understand the connection between assumptions made and the conclusions drawn.
4. Appreciate the shortcomings of models and to provide alternative improvements.
5. Construct logical arguments and provide economic explanations consistent with the workings of the model used.
6. Use analytical and numerical methods in modelling.
7. Work independently, in teams, and to develop intellectual leadership

Assessment Summary

Activities	Weighting (%)	Time	Topics Covered
Homework submissions	2x10%	Weeks 5 and 10	
Mid-semester examination	30%	Mid-Semester	Weeks 1-6
End-of-semester examination	50%	End-of Semester	Weeks 1-12

Research-Led Teaching

This course will expose students to the frontier research and cutting-edge modelling tools in contemporary macroeconomics.

Feedback

Staff Feedback

Students will be given feedback in the following forms in this course

- Weekly tutorial activities to develop student learning
- Weekly office hours for student consultation
- Mid-semester exam to assess student progress
- In-class review and discussion

Student Feedback

ANU is committed to the demonstration of educational excellence and regularly seeks feedback from students. One of the key formal ways students have to provide feedback is through Student

Experience of Learning Support (SELS) surveys. The feedback given in these surveys is anonymous and provides the Colleges, University Education Committee and Academic Board with opportunities to recognise excellent teaching, and opportunities for improvement.

For more information on student surveys at ANU and reports on the feedback provided on ANU courses, go to

<http://unistats.anu.edu.au/surveys/selt/students/> and
<http://unistats.anu.edu.au/surveys/selt/results/learning/>

Policies

ANU has educational policies, procedures and guidelines, which are designed to ensure that staff and students are aware of the University's academic standards, and implement them. You can find the University's education policies and an explanatory glossary at: <http://policies.anu.edu.au/>

Students are expected to have read the [Student Academic Integrity](#) Policy before the commencement of their course. Other key policies include:

- Student Assessment (Coursework)
- Student Surveys and Evaluations

Recommended Resources

- Lecture notes by Chung Tran [CT]
- Recursive Macroeconomic Theor by Lars Ljungqvist and Thomas J. Sargent [LS]
- A Theory of Economic Growth by David De La Croix and Phillipe Michel [CM]
- Dynamic General Equilibrium Modeling by Burkhard Heer and Alfred Maussner [HM]

COURSE SCHEDULE

Week	Lecture Topics	Assessments	Marks
Week 1	Introduction and Review		
Week 2	Overlapping Generations Model		
Week 3	Neoclassical Growth Model		
Week 4	Neoclassical Growth Model		
Week 5	Fiscal Growth Policy	Submission 1	10
Week 6	Real Business Cycle Model		
Week 6		Mid-semester	30
Week 7	Fiscal Policy		
Week 8	Money and Monetary Model		
Week 9	Monetary Policy		
Week 10	New Keynesian Model	Submission 2	10
Week 11	Incomplete Markets Model		
Week 12	Incomplete Markets Model		
		Final exam	50

ASSESSMENT REQUIREMENTS

The ANU is using Turnitin to enhance student citation and referencing techniques, and to assess assignment submissions as a component of the University's approach to managing Academic Integrity. For additional information regarding Turnitin please visit the [ANU Online](#) website.

Students may choose not to submit assessment items through Turnitin. In this instance you will be required to submit, alongside the assessment item itself, copies of all references included in the assessment item.

As a further academic integrity control, students may be selected for a 15 minute individual oral examination of their written assessment submissions.

Any student identified, either during the current semester or in retrospect, as having used ghost writing services will be investigated under the University's Academic Misconduct Rule.

Assessment Tasks

- Homework and active class activities (20%)
- A mid-semester examination (30%)
- A final examination (50%)

Details about assessment may change during the first two weeks of semester. Please ensure that you check with your lecturer or tutor about any changes.

Scaling

Your final mark for the course will be based on the **raw** marks allocated for each of your assessment items. However, your final mark may not be the same number as produced by that formula, as marks may be **scaled**. Any scaling applied will preserve the rank order of raw marks (i.e. if your raw mark exceeds that of another student, then your scaled mark will exceed the scaled mark of that student), and may be either up or down.

Privacy Notice

The ANU has made a number of third party, online, databases available for students to use. Use of each online database is conditional on student end users first agreeing to the database licensor's terms of service and/or privacy policy. Students should read these carefully.

In some cases, student end users will be required to register an account with the database licensor and submit personal information, including their: first name; last name; ANU email address; and other information.

In cases where student end users are asked to submit 'content' to a database, such as an assignment or short answers, the database licensor may only use the student's 'content' in accordance with the terms of service – including any (copyright) licence the student grants to the database licensor.

Any personal information or content a student submits may be stored by the licensor, potentially offshore, and will be used to process the database service in accordance with the licensor's terms of service and/or privacy policy.

If any student chooses not to agree to the database licensor's terms of service or privacy policy, the student will not be able to access and use the database. In these circumstances students should contact their lecturer to enquire about alternative arrangements that are available.

Tutorial Seminar Registration

Tutorial signup for this course will be done via the Wattle website. Detailed information about signup times will be provided on Wattle or during your first lecture. When tutorials are available for enrolment, follow these steps:

1. Log on to Wattle, and go to the course site
2. Click on the link "Tutorial enrolment"
3. On the right of the screen, click on the tab "Become Member of..." for the tutorial class you wish to enter
4. Confirm your choice

If you need to change your enrolment, you will be able to do so by clicking on the tab "Leave group..." and then re-enrol in another group. You will not be able to enrol in groups that have reached their maximum number. Please note that enrolment in ISIS must be finalised for you to have access to Wattle.

SUPPORT FOR STUDENTS

The University offers a number of support services for students. Information on these is available online from <http://students.anu.edu.au/studentlife/>