

MACROECONOMICS

COURSE OUTLINE SUMMER SEMESTER 2024

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CONTENT

This module covers theoretical models of economic growth and business cycle fluctuations at an advanced level. It provides an overview over the most important macroeconomic topics and introduces students to concepts that are important for more advanced studies of macroeconomics and for practical work in this field. The focus of this module is on mainstream models such as the Ramsey growth model as well as RBC and DSGE models. The exposition of the theoretical models is complemented with a short history of macroeconomics, a discussion of the mainstream approach and a short introduction to alternative approaches.

MODULE OBJECTIVES

- You learn how to work with macroeconomic models at an intermediate to advanced level.
- You get an overview over the history of macroeconomics and the current state of the field
- You acquire sound theoretical foundations for macroeconomic policy analysis.

A key learning objective is that students acquire the technical skills to understand and work with advanced theoretical models. These technical skills are important for the application of the models and for own research, but also for a critical assessment of current macroeconomics with its strengths and weaknesses.

The application of the models to current policy issues or own extensions are not part of this module, but are the objective of other modules.

PREREQUISITES

You will need good English skills and the willingness to deal with mathematical economic models. Knowledge of macroeconomic models and concepts at the principles to intermediate level is expected. If you are not familiar with basic concepts in macroeconomics such as the IS-LM model, aggregate demand and supply or the Solow growth model, please consult textbooks such as Blanchard, “Macroeconomics” or similar books before taking this module.

ORGANIZATION

This module consists of lectures and tutorials.

Participants:	no restriction
Registration:	not required
Assessment:	There will be a final exam. Further details on the exam will be provided on Moodle during the course of the module.
Time and place:	Friday, 10.15-11.45 h, HGD 30 (Lecture) Tuesday, 12.15 – 13.45 h, HZO 90 (Tutorial)

Start: 12 April 2024

SCHEDULE

The following schedule is preliminary and subject to change.

Lectures

Week	Date	Topic	Chapter
1	12 April	Introduction	
2	19 April	History	
3	26 April	Solow	2
4	3 May	Ramsey	3
5	10 May	Application	4
6	17 May	Endogenous growth	5
7	No lecture		
8	31 May	Consumption	11
9	7 June	Investment	12
10	14 June	RBC	14
11	21 June	RBC	14
12	28 June	DSGE	15
13	5 July	DSGE	15
14	12 July	Critique & Alternatives	
15	19 July	Critique & Alternatives	

Tutorials

Week	Date	Topic	Chapter
1	No tutorial		
2	16 April	Math basics	Appendix A
3	23 April	Math basics	Appendix A
4	30 April	Solow	
5	7 May	Ramsey	
6	14 May	Ramsey / Appl	
7	No tutorial		
8	28 May	Endogenous growth	
9	4 June	Consumption	
10	11 June	Investment	
11	18 June	Dynare	
12	25 June	RBC	Appendix B
13	2 July	RBC	Appendix B
14	9 July	DSGE	Appendix C
15	16 July	DSGE	Appendix C

SELF-STUDY

This module contains 120 hours of self-study.

You are expected to prepare the lecture by reading the relevant chapters of the textbook.

COURSE TEXTBOOK

Campante, F., Sturzenegger, F., Velasco, A. (2021) *Advanced Macroeconomics.- an easy guide*. LSE Press

Further literature and information will be provided on Moodle.