

Advanced Macroeconomics
Winter 2021/22
Syllabus

Instructor:

Günter W. Beck

Office hours:

On appointment

Teaching assistant:

Muzammil Hussain

Lectures:

Monday, 12.00 p.m. - 2.00 p.m. (weekly)

Tuesday, 12.00 p.m. - 2.00 p.m. (bi-weekly, October - December 2021)

Monday, 2.00 p.m. - 4.00 p.m. (bi-weekly, January - February 2022)

Classes:

Tuesday, 10.00 a.m. - 12.00 p.m. (bi-weekly)

Website:

<http://www.macro.uni-siegen.de> (Teaching - Advanced macroeconomics)

Content:

This course introduces basic and advanced concepts and key tools that are central to a profound understanding of macroeconomic issues, ranging from short-term economic fluctuations to long-term growth. The emphasis of the course will be on dynamic models which are at the center of modern macroeconomics. Students will learn how models are used to understand key empirical facts in macroeconomic data, how to use mathematical tools for the analysis of model economies, how to develop and use the most common models for understanding the relationship between aggregate output, inflation and interest rates and the key drivers of macroeconomic growth and cycles, and how to develop policy recommendations and conduct practical policy analysis. At the end of the course, students should be able to apply the analytical tool box of modern macroeconomics to macroeconomic questions of current importance.

A detailed course outline is given below.

Course requirements:

Students will be graded upon the following:

- Final exam.

Readings:

The main reference for the course is:

Wickens, Michael (2011). *Macroeconomic Theory – A Dynamic General Equilibrium Approach*, Princeton University Press, Princeton (denoted by MW in the following)

Course overview:

1. Introduction (MW, chapter 1).
2. The centralized economy (MW, chapter 2).
3. Economic growth (MW, chapter 3).
4. The decentralized economy (MW, chapter 4)
5. Government: expenditures and public finances (MW, chapter 5)
6. Fiscal policy: further issues (MW, chapter 6)
7. Unemployment (MW, chapter 10)
8. Asset pricing and macroeconomics (MW, chapter 11)
9. Financial markets (MW, chapter 12)
10. Imperfectly flexible prices (MW, chapter 9)
11. Monetary policy (MW, chapter 14)