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Macroeconomics II (Advanced Macroeconomic Analysis II): Growth and Distribution

Lecture: Thursday,10.15–11.45 am,
UP Campus Griebnitzsee,
Room 3.06.S21,
start on Thursday, April 21, 2022

Tutorial: Tuesday, 12.15–13.45 pm,
UP Campus Griebnitzsee,
Room 3.06.S21,
start on Tuesday, April 26, 2022

Description:

The course is open for M.A.and Ph.D. students. The objective of the course is to give an overview over modern theories of economic growth. The formal presentation uses the continuous–time framework in order to equip the students with the formal tools required to analyze continuous–time economic dynamics. Besides looking at growth models, the lecture addresses also related topics like the distribution of wealth and income, exhaustible resources and stochastic growth models. The lecture is accompanied by a tutorial.

Contents:

– Formal Prerequisites: Differential Equations and Theory of Optimal Control

– The Neoclassical Growth Model

– The Ramsey Model

– First Generation Models of Endogenous Growth

– Second Generation Model of Endogenous Growth

– Stochastic Growth

Literature:

The following two books cover most of the topics addressed in the lecture:

Acemuglu, D., (2009), Introduction to Modern Economic Growth (Princeton University Press).

Barro, R. & Sala-i Martin, X., (2004), Economic Growth (MIT–Press), 3rd edn.

Further references and recommendations for further reading will be given during the course

Access to teaching material via Moodle:

The password is `Ramsey22`

Exams:

Final exam on August 5, 2022, 2.00-4:00 pm, UP Campus Griebnizsee, Room 3.06.H02.
Duration: 90min. (M.A. students) / 120 min. (Ph.D. students)
Deadline for the registration: July 29, 2022, via PULS or email (for PhD-students, see below).
External and/or PhD-students: Please get in touch with us until July, 29, 2022 (massar@uni-potsdam.de)