Advanced Macroeconomics

Time and location: Start: October 16, 2019 Wednesday, 16-18, SR 411 (scheduled)

Outline: The lecture covers the long-run aspects of macroeconomics. We first review facts of long-run growth and the Solow-growth model. The lecture then focuses on the infinite-horizon Ramsey-Cass-Koopmans model, endogenous growth theory and the role of human capital and social infrastructure for growth. Applications involving urban and regional growth and growth, resources and the environment will be taken up, time permitting.

The lecture is accompanied by a tutorial which gives you the opportunity to practice the material covered. Problem sets are provided via WueCampus. You are expected to work out the problems before the tutorials take place.

Sources: David Romer, Charles Jones, The Economist
Readings

The course draws strongly on the textbook:


We will use journal articles and research papers at several parts of the lecture. This material will be referenced and provided via WueCampus as we go along.

Structure of the lecture

I  Facts and the Solow Growth Model

II  Infinite-Horizon Ramsey-Cass-Koopmans model

III  Endogenous Growth

IV  Human Capital, Social Infrastructure and Beyond

V  Urban & Regional Growth; Growth, Resources, Environment – If time permits