

Advanced Macroeconomics

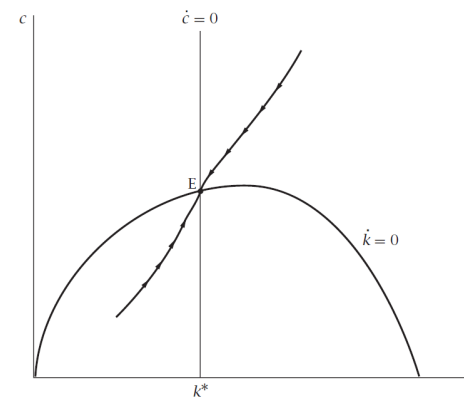
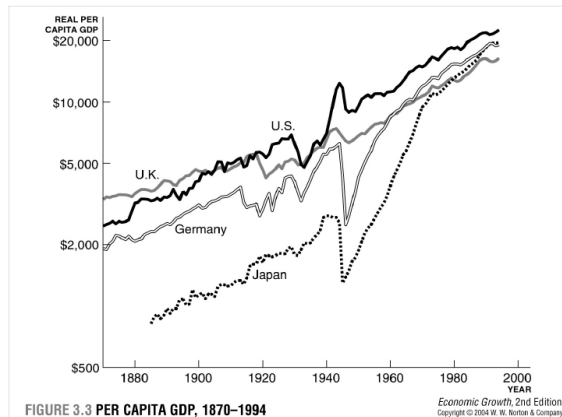
Lecture: Thursday, 16:00 – 17:30 HS 124 Start: October 17, 2024

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

Tutorial: Wednesday, 8:15 – 9:45 HS 308 Start: to be announced

The lecture is accompanied by a tutorial. Problem sheets are provided on a weekly basis.

Examination Format: Written exam (60 minutes), at the end of the term.



Sources: Chad Jones, The Economist, David Romer, The Economist

Readings

The course draws strongly on the textbook: David Romer, *Advanced Macroeconomics*, 5th edition, 2018, McGraw-Hill Irwin.

We will also use further textbooks and journal articles & research papers as complements at several parts of the lecture.

This material is referenced and provided via WueCampus.

Lecture notes and problem sets are successively provided.

Structure of the lecture

- I The Facts of Economic Growth
- II Solow Growth Model
- III Infinite-Horizon Ramsey-Cass-Koopmans model
- IV Endogenous Growth
- V Human Capital, Social Infrastructure and Beyond
- VI Urban & Regional Growth; Growth, Resources, Environment – Time permitting