

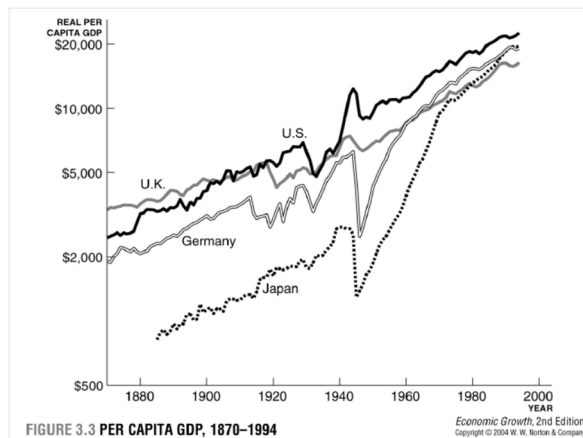
Advanced Macroeconomics

Lecture: Thursday, 16 – 18 HS 414 Start: October 21, 2021

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, 16 – 18 HS 308 Start: to be announced

The lecture is accompanied by a tutorial which gives you the opportunity to practice the material. Problem sheets are provided on a weekly basis.



Sources: David Romer, Charles Jones, The Economist

Covid-19-Instructions

UniNow-Registration

Please scan the QR Code of this Lecture Hall (HS 414 Lecture; HS 308 Tutorial)

For your own safety and to protect others we require you to wear a medical face mask (surgical mask).

Letter of the COVID-19 Taskforce of the University of Würzburg October 11, 2021

Dear students,

As the city of Würzburg currently exceeds a 7-day incidence of 35, only those who have been vaccinated, recovered or tested negative may attend this course. The 3G status is checked randomly, possibly also after this session. You now have the possibility to leave the event should you not be vaccinated, recovered or tested negative. This is because violation of the 3G rule must be reported to the authorities by the University and can lead to a fine.

Your COVID 19 Task Force of JMU

Prof. Dr Paul Pauli, Prof. Dr Lars Dölken, Prof. Dr Andreas Dörpinghaus, Prof. Dr Doris Fischer, Dr Uwe Klug

Information of the University of Würzburg about Coronavirus: <https://www.uni-wuerzburg.de/en/home/>

Readings

The course draws strongly on the textbook:

David Romer, *Advanced Macroeconomics*, 5th edition, 2018, McGraw-Hill Irwin.

We will also 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.

Lecture notes and problem sets are successively provided.

The readings are made available via WueCampus.

Recordings of the lecture and the tutorial will be available on WueCampus for 14 days after the respective session.

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 – Time permitting