

Growth, Labor and Inequality in the Global Economy

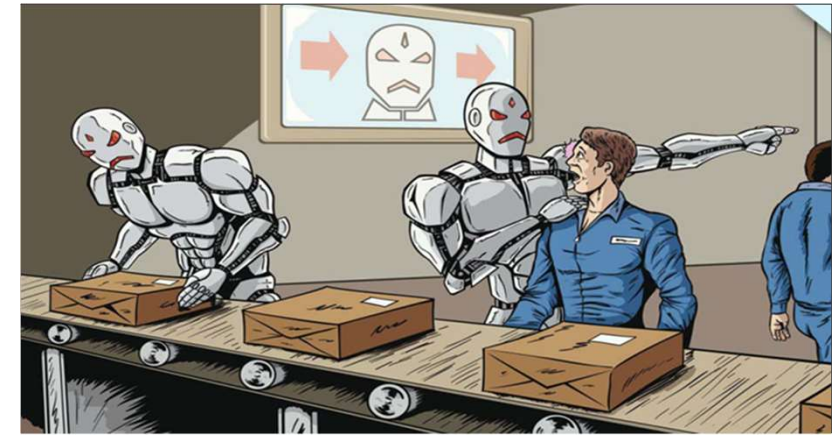
Titel	Lecturer	CP	W/P	Term	min/max
Schwerpunktmodul Foundations in Growth, Labor and Inequality in the Global Economy A: <i>Growth, Inequality and Structural Change</i>	Funk	6	W	Summer	 min. 6 max. 12
Schwerpunktmodul Foundations in Growth, Labor and Inequality in the Global Economy B: <i>Macroeconomics of the Labor Market</i>	Krause	6	W	Summer (starting 2019)	
Schwerpunktmodul Foundations in Growth, Labor and Inequality in the Global Economy C: <i>Political Economy</i> <i>Inequality</i> <i>Development Economics</i>	Messner Messner Hornung	6	W	Summer (ending 2018) Winter (starting 18/19) Winter (starting 19/20)	
Schwerpunktmodul Topics in Growth, Labor and Inequality in the Global Economy: <i>Determinants of Growth in Economic History</i> <i>Growth, Energy, Climate Change</i>	Hornung Lindenberger	6	W	Summer (starting 2018) Winter	max. 6
Schwerpunktmodul Seminar in Growth, Labor and Inequality in the Global Economy	diverse	6	P	Winter Summer	6

Growth, Labor and Inequality in the Global Economy: **Foundations A**,
Prof. Dr. Peter Funk, Summer Term

Growth, Inequality and Structural Change

Causes and Consequences of (biased) Technical Change

Technical Change = Driving Force behind EVERYTHING



Content: Solow-model of *balanced* growth (reminder). Inequality I: Productivity Growth, Capital and Labor.
Structural Change: Work and Leisure. Sectorial Change. Inequality II: Abundance and Poverty.
Heterogeneous Workers: Inequality III (Globalization, Capital-Skill Complementarity, Directed Technical Change).
The Affluent Society (Satiation; Relative needs; Pleasure of Skill, of Novelty, and of Activity; Insecurity; Environment; Health).

Approach: 1. Provide empirical facts.
2. Construct *simplest* formal models that allow to explain past facts and to speculate about the future.
3. Solve and discuss exercises. Provide and discuss bedtime reading.
4. Provide information for research oriented students and for students intending to write their thesis.

Builds on Macro I only. Recommended for 2nd (or 4th) semester Master students, possibly in conjunction with block seminar after the semester.

Growth, Labor and Inequality in the Global Economy: **Foundations B**,
Prof. Michael Krause, PhD, Summer Term (from Summer 2019 onwards)

Macroeconomics of the Labor Market

Content

The labor market as an equilibrium of flows, search behavior of unemployed workers and the duration of unemployment. How wages are determined and how they affect firms' hiring behavior. Unemployment during the crisis. Policies: unemployment insurance and employment protection, optimal labor market policies. Job and wage polarization, tasks and the assignment of workers to jobs. Superstar compensation. Globalization: the role of off-shoring for inequality and unemployment.

Approach

Stylized empirical facts of the labor market and their explanation,
based on the currently most popular theories.
Introduction to the research frontier.

Recommended for Master students in 2nd or 4th semester.

Growth, Labor and Inequality in the Global Economy: **Foundations C**,
Prof. Dr. Matthias Messner,

Political Economy Summer Term ending 2018

Inequality Winter Term from 2018/19 onwards

Content:

The course will be composed of two parts. The focus of the first part will be on introducing some of the most important theoretical models of collective choice (basics of social choice, models of voting and electoral competition, political agency, special interest politics, corruption, conflict).

In the second part of the course the models and tools developed in the first part will be used to discuss questions surrounding the topics inequality and redistribution.

Approach:

Lectures will mostly be based on research articles. Students will be provided with problem sets, the solutions of which will be (briefly) discussed in class.

Growth, Labor and Inequality in the Global Economy: **Foundations C** :
Prof. Dr. Erik Hornung, Winter Term from 2019/20 onwards

Development Economics

This course provides an in-depth analysis of current research in selected issues in development economics. The course covers non-aggregate models of growth, development policy evaluation and presents new directions of research in macro-economic and micro-economic aspects of development.



Macro- and Microeconomic Topics in Development Economics:

Factor Accumulation, Technology, Institutions, Structural Transformation, International Aid,
Property Rights, Financial Markets, Micro-Finance, Education, Health, Corruption, Insurance, Ethnicity, Conflict

Theoretical and Empirical Analysis:

Learn to apply the methods from your core micro, macro and econometrics courses.

Research Oriented Course based on Journal Articles:

Learn to evaluate and discuss the strengths and limitations of pieces of economic research.

Topics in Growth, Labor and Inequality in the Global Economy:

Prof. Dr. Erik Hornung, Summer Term 2018 onwards except 2019

Determinants of Growth in Economic History

This course aims to explain the very long run trends of growth in economic history. We want to answer two questions:

- Why are our societies so much more productive / rich than our ancestors' ones? (time dimension)
- Why are there such large differences in income levels across societies today? (spatial dimension)

This course focuses on quantitative approaches that identify the fundamental determinants of growth:

- geography (i.e. climate and soils)
- institutions (i.e. property rights and democracy)
- culture (i.e. social capital and religion)

We aim to explain how these factors historically shaped diverging patterns of economic development across the world.

Approach:

This course is purely based on quantitative empirical research. Lectures will provide insights into seminal research. Exercises will discuss recent important research articles in the field of long-run development and economic history.

A large part of this course is devoted to the discussion of applied econometrics and identification of causal effects. Recommended for 2nd (or 4th) semester Master students with basic knowledge in econometrics.

Topics in Growth, Labor and Inequality in the Global Economy:
PD Dr. Dietmar Lindenberger, Winter Term

Growth, Energy, Climate Change

Topics in Growth, Energy, and Climate Change:

- Energy Use and Climate Change: Natural Science Foundations
(Energy Conversion, Entropy Production and Emissions, Climate Physics)
- Availability and Price Formation of Energy Resources
- Resource Economics as a Special Case of Capital Theory
- Growth Models including Energy as a Factor of Production
- Policy Options in Environmental and Climate Protection

Theoretical and Empirical Analysis:

- Learn about the physical foundations of economic processes and how they affect the environment
- Appreciate theoretical models and their relevance for growth, energy, and climate policy.

The course is based on selected text book chapters and Journal articles. Includes exercises.

Seminar in Growth, Labor and Inequality in the Global Economy

Summer Term: Funk

Winter 2018/19: Hornung/ Schelkle

- Covers modern research on current topics ...
- ... using concepts introduced in the Foundations courses
- Students present papers at the research frontier
- Seminar paper and active participation
- Possibly identification of Thesis topic

Recommended for Master students in 2nd, 3rd or 4th semester.