

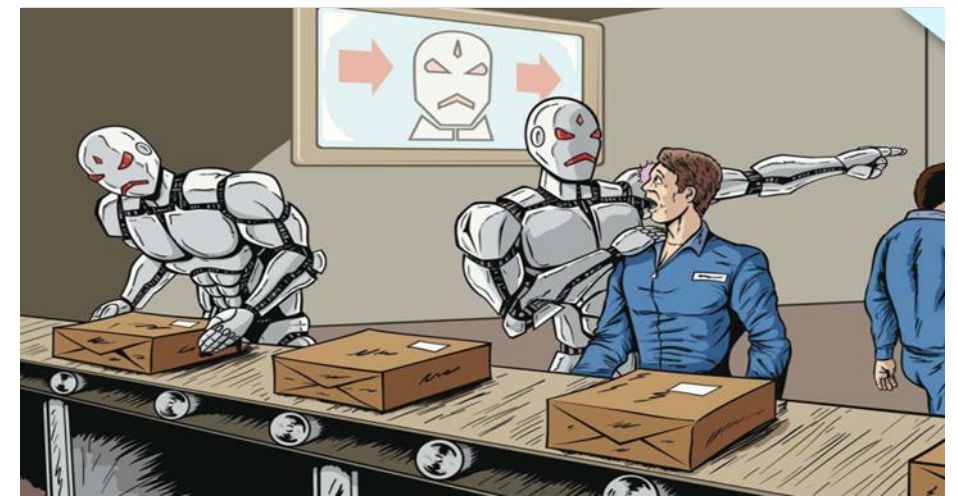
Growth, Labor and Inequality in the Global Economy

| 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 | Winter | |
| Schwerpunktmodul Foundations in Growth, Labor and Inequality in the Global Economy C: <i>Political Economy</i> | Messner | 6 | W | Winter | |
| Schwerpunktmodul Topics in Growth, Labor and Inequality in the Global Economy: <i>Development Economics</i> <i>Growth, Energy, Climate Change</i> | Schelkle Lindenberger | 6 | W | Winter 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, Winter Term

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 3rd semester. Builds on Macro II

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

Political Economy

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.

Recommended for Master students in 3rd semester. Builds on Micro I and II.

Topics in Growth, Labor and Inequality in the Global Economy:
Jun.-Prof. Thomas Schelkle, PhD , Winter Term

Development Economics



Macro- and Microeconomic Topics in Development Economics:

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

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:

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 (Thermodynamic Laws, Physics of the Greenhouse Effect)
- Availability and Price Formation of Energy Resources (Empirics and Theory)
- Growth Theory (Optimal Control Theory)
- Growth Models including Natural Resources (Energy as a Factor of Production)
- Policy Options in Environmental and Climate Protection (incl. EU Emission Trading System, Promotion of Renewable Energy)

Theoretical and Empirical Analysis:

Learn to appreciate theoretical models and their relevance for growth, energy, and climate policy.

The Course is based on selected Text Book Chapters , Journal Articles, and Applied Policy Studies.

Seminar in Growth, Labor and Inequality in the Global Economy

Winter Term: Michael Krause

Summer Term: Peter Funk (Block Seminar in September)

- 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.