

Free University of Berlin
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 Summer Semester 2013

Economic Growth I

OEI Master (Modul A) (31502 and 31503) and WIWISS Bachelor (102048 and 102049)

Lectures: Tuesdays, 18-20, Garystr. 21, Room 105

Sections: Mondays, 12-14, Garystr. 55, Room 302b

Office Hours: Tuesdays, 15-17

This is an introductory course to growth theory. The aim of the course is to offer basic analytical skills in understanding the sources of income inequality, cross-country differences in economic performance, and policy debates about poverty reduction and economic development. Students are expected to become conversant with the Solow model and its extensions, the Romer model, other endogenous growth models, and the growth effects of natural resources. The main textbook for this course will be *Introduction to Economic Growth* by Charles I. Jones, although materials will also be used from the other assigned textbooks. Students are expected to be fluent in differential and integral calculus. Lectures will be enriched with articles that will be posted in advance online. Evaluation occurs on the basis of an essay, a midterm and a final. Attendance in all lectures and sections is required.

Required Textbooks:

1. Jones Charles I. *Introduction to Economic Growth*, W. W. Norton & Company, New York and London, 2002.
2. Easterly William. *The Elusive Quest for Growth: Economists' Adventures and Misadventures in the Tropics*, MIT Press, 2001.

Recommended Textbooks:

1. Acemoglu Daron. *Introduction to Modern Economic Growth*, Princeton University Press, 2009.
2. Weil David. *Economic Growth*, Pearson/Wesley, Boston et al, 2004.

Grades:

Final Exam

Week 1: Stylized Facts of Growth and Development

- Jones, Ch. 1.
- Easterly, Ch. 1 and 2.
- Acemoglu, Ch. 1.

Week 2: Introduction to the Solow Model

- Jones, Ch. 2.1.
- Easterly, Ch. 3.
- Acemoglu, Ch. 2.1-2.5.

Week 3: The Solow Model and Technological Progress

- Jones, Ch. 2.2-2.4.
- Acemoglu, Ch. 2.6-2.9.

Week 4: The Solow Model and the Data

- Jones, Ch. 3.
- Easterly, Ch. 4.
- Acemoglu, Ch. 3.

Week 5: Introduction to the Romer Model

- Jones, Ch. 5.1.
- Easterly, Ch. 5.
- Acemoglu, Ch. 11.4

Week 6: The Romer Model Continued

- Jones, Ch. 5.2-5.4.
- Easterly, Ch. 9.
- Acemoglu, Ch. 11.4

Week 7: Midterm**Week 8: A Model of Technology Diffusion**

- Jones, Ch. 6.
- Easterly, Ch. 6.
- Acemoglu, Ch. 18.

Week 9: The AK Model of Endogenous Growth

- Jones, Ch. 8.
- Easterly, Ch. 7.
- Acemoglu, Ch. 11.1-11.3.

Week 10: Governments and Institutions

- Jones, Ch. 7.
- Easterly, Ch. 8 and 11.

Week 11: Natural Resources and Economic Growth I

- Jones, Ch. 9.1-9.3.
- Easterly, Ch. 10.

Week 12: Natural Resources and Economic Growth II

- Jones, Ch. 9.4-9.6.
- Easterly, Ch. 12.

Week 13: Theories of Poverty and Wealth

- Jones, Ch. 10.
- Easterly, Ch. 13.
- Acemoglu, Ch. 4.