

Free University of Berlin
 Prof. Theodor Grigoriadis, C.Sc., Ph.D.
 Department of Economics
 Institute of East European Studies
Grigoriadis@zedat.fu-berlin.de
 Winter Semester 2014/15

Economic Growth I

Lectures: Tuesdays, 12-14, Wiwiss, Room 104, Garystr. 21

Sections: Mondays, 10-12, Wiwiss, Room 104, Garystr. 21

Office Hours: Tuesdays, 15-17, OEI, Room 101A, Garystr. 55

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 participation and a final exam. 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.

Stylized Facts of Growth and Development

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

Introduction to the Solow Model

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

The Solow Model and Technology

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

The Solow Model and Human Capital

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

Introduction to the Romer Model

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

The Romer Model Continued

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

A Model of Technology Diffusion

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

The AK Model of Endogenous Growth

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

Governments and Institutions

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

Natural Resources and Economic Growth

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

Natural Resources and Economic Growth Continued

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

Theories of Poverty and Wealth

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