Module title: Advanced Macroeconomics
Abbreviation: 12-M-MFF-161-m01

Module coordinator: holder of the Chair of International Macroeconomics
Module offered by: Faculty of Business Management and Economics

ECTS: 5
Method of grading: numerical grade
Only after succ. compl. of module(s): --

Duration: 1 semester
Module level: graduate
Other prerequisites: --

Contents
The course covers long-run aspects of macroeconomics. We start with a review of the facts of long-run growth and a review of the Solow growth model. The lecture then focuses on the infinite-horizon Ramsey-Cass-Koopmans model and on endogenous growth theory. Applications of this framework involving urban and regional growth, resources and the environment will be discussed, time permitting.

Outline of syllabus
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 Applications (urban and regional growth; growth, resources and the environment)

Reading:
The course draws strongly on the following textbook:
We will also use journal articles and research papers at several points of the lecture.

Intended learning outcomes
Students acquire a working knowledge of the key models and analytical tools of advanced macroeconomics. This enables them to identify the key forces that determine the determinants of income levels and growth rates of incomes, to make informed policy analysis and statements and to critically evaluate current controversies and developments as well as to conduct their own research.

Courses (type, number of weekly contact hours, language — if other than German)
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Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)
a) written examination (approx. 60 to 90 minutes) or b) term paper (approx. 15 pages)
Language of assessment: German and/or English

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Module appears in
Master's degree (1 major) Economathematics (2016)
Master's degree (1 major) Business Management (2015)
Master's degree (1 major) China Business and Economics (2016)
Master's degree (1 major) China Language and Economy (2016)