

Module title		Abbreviation
Advanced Macroeconomics		12-M-MFF-252-m01
Module coordinator		Module offered by
holder of the Chair of International Economics		Faculty of Management and Economics
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
<p>Content</p> <p>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, on endogenous growth theory and it puts the roles of human capital and institutions under scrutiny. Applications of this framework involving urban and regional growth, resources and the environment will be taken up, time permitting.</p> <p>Outline</p> <p>I Facts and the Solow Growth Model</p> <p>II Infinite-Horizon Ramsey-Cass-Koopmans model</p> <p>III Endogenous Growth</p> <p>IV Human Capital, Social Infrastructure and Beyond</p> <p>V Applications (Urban and regional growth; Growth, resources and the environment)</p> <p>Literature:</p> <p>The course draws strongly on the textbook:</p> <p>David Romer, Advanced Macroeconomics, 4th edition, McGraw-Hill Irwin.</p> <p>We will use journal articles and research papers at several parts of the lecture.</p>		
Intended learning outcomes		
<p>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.</p>		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>V (2) + Ü (2)</p> <p>Module taught in: English</p>		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
<p>a) written examination (approx. 60 to 90 minutes) or</p> <p>b) term paper (approx. 15 pages) or</p> <p>c) portfolio (approx. 50 hours)</p> <p>Language of assessment: English</p> <p>Assessment offered: In the semester in which the course is offered creditable for bonus</p>		
Allocation of places		
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Additional information		
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Workload		
150 h		

**Teaching cycle**

Teaching cycle: winter semester

**Referred to in LPO I** (examination regulations for teaching-degree programmes)

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**Module appears in**

Master's degree (1 major) International Economic Policy (2025)  
 Master's degree (1 major) Management (2025)  
 Master's degree (1 major) China Business and Economics (2025)  
 Master's degree (1 major) China Language and Economy (2025)  
 Master's degree (1 major) Economathematics (2025)