### Module title

**Advanced Macroeconomics**

**Abbreviation**

12-M-AME-111-m01

<table>
<thead>
<tr>
<th>Module coordinator</th>
<th>Module offered by</th>
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<tr>
<td>holder of the Chair of International Macroeconomics</td>
<td>Faculty of Business Management and Economics</td>
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<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
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<tr>
<th>Duration</th>
<th>Module level</th>
<th>Other prerequisites</th>
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<tr>
<td>1 semester</td>
<td>graduate</td>
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### 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)

V (no information on SWS (weekly contact hours) and course language available)

**Method of assessment**

(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

written examination (approx. 60 minutes)  
Assessment offered: once a year, summer semester  
Language of assessment: 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 (2011)  
Master's degree (1 major) Business Management (2011)  
Master's degree (1 major) Economics (2011)  
Master's degree (1 major) China Business and Economics (2014)
Master's degree (1 major) China Business and Economics (2012)
Master's degree (1 major) Chinese and Economics (2014)
Master's degree (1 major) Chinese and Economics (2012)