

<b>Module title</b>		<b>Abbreviation</b>
Economic Dynamics		12-M-DWT-111-mo1
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Econometrics		Faculty of Business Management and Economics
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
Outline of syllabus: 1. Dynamic systems and models in economic theory 2. Differential equations 3. Difference equations 4. Dynamic optimisation 5. Selected models in business cycle theory 6. Selected models in growth theory		
<b>Intended learning outcomes</b>		
Students acquire comprehension on the key methods of dynamic economic theory. They will be able to analyze linear and some basic non-linear difference and differential equations and apply those to economic applications.		
<b>Courses</b> (type, number of weekly contact hours, language — if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
<b>Method of assessment</b> (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 minutes) or b) term paper (approx. 15 pages)		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
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)		