Economic Dynamics

Module title

Module coordinator
holder of the Chair of Econometrics

Module offered by
Faculty of Business 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
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

Intended learning outcomes
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.

Courses (type, number of weekly contact hours, language — if other than German)
V + Ü (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)
a) written examination (approx. 60 minutes) or b) term paper (approx. 15 pages)

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)