Module title: Selected Topics in Control Theory
Abbreviation: 10-M=VTRTin-152-m01

Module coordinator: Dean of Studies Mathematik (Mathematics)
Module offered by: Institute of Mathematics

ECTS: 10
Duration: 1 semester
Module level: graduate
Other prerequisites: --

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

Contents:
Selected topics in linear and non-linear control theory, e. g. networked linear control systems, controllability of bilinear systems.

Intended learning outcomes:
The student gains insight into contemporary research problems in control theory. He/She masters advanced techniques in this field and can apply them to complex problems.

Courses:
V (4) + Ü (2)
Module taught in: English

Method of assessment:
a) written examination (approx. 90 to 120 minutes, usually chosen) or b) oral examination of one candidate each (approx. 20 minutes) or c) oral examination in groups (groups of 2, 15 minutes per candidate)
Assessment offered: In the semester in which the course is offered and in the subsequent semester
Language of assessment: English

Allocation of places:
--

Additional information:
--

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

Module appears in:
Master's degree (1 major) Mathematics International (2015)