## Module title

Research in Groups - Dynamical Systems and Control Theory

### Abbreviation

10-M=GDSC-161-m01

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## Module Coordinator

Dean of Studies Mathematik (Mathematics)

## Module offered by

Institute of Mathematics

### ECTS

10

### Method of grading

only after succ. compl. of module(s)

### Duration

1 semester

### Module level

graduate

### Other prerequisites

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## Contents

Selected modern topics in dynamical systems and control theory.

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## Intended learning outcomes

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

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## Courses

(type, number of weekly contact hours, language — if other than German)

- V (2) + S (2)

Module taught in: German and/or English

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## Method of assessment

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

- talk (60 to 120 minutes)

Assessment offered: In the semester in which the course is offered and in the subsequent semester

Language of assessment: German or English

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## 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) Mathematics (2016)
- Master's degree (1 major) Economathematics (2016)
- Master's degree (1 major) Mathematical Physics (2016)
- Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2016)
- Master's degree (1 major) Mathematics (2019)
- Master's teaching degree Gymnasium MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)
- Supplementary course MINT Teacher Education PLUS, Elite Network Bavaria (ENB) (2020)
- Master's degree (1 major) Mathematical Physics (2020)
- Master's degree (1 major) Economathematics (2021)