### Module Description

#### Module Information

**Module title**: Giovanni-Prodi Lecture Selected Topics (Master)  
**Abbreviation**: 10-M=VGPC-122-m01

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

**ECTS**: 10  
**Method of grading**: numerical grade

**Duration**: 1 semester  
**Module level**: graduate

**Other prerequisites**: Certain prerequisites must be met to qualify for admission to assessment. The lecturer will inform students about the respective details at the beginning of the course. Registration for the course will be considered a declaration of will to seek admission to assessment. If students have obtained the qualification for admission to assessment over the course of the semester, the lecturer will put their registration for assessment into effect. Students who meet all prerequisites will be admitted to assessment in the current or in the subsequent semester. For assessment at a later date, students will have to obtain the qualification for admission to assessment anew.

### Contents

Introduction to a specialised topic in mathematics by an international expert.

### Intended Learning Outcomes

The student is acquainted with the fundamental concepts and methods of a contemporary research topic in mathematics. He/She is able to establish a connection between his/her acquired skills and other branches of mathematics and applications in other subjects.

### Courses

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

### Method of Assessment

At the beginning of the course, the lecturer will choose one of the following methods of assessment:  
- a) written examination (approx. 90 to 120 minutes; usually chosen),  
- b) oral examination of one candidate each (approx. 20 minutes),  
- c) oral examination in groups of 2 candidates (approx. 30 minutes total)

Assessment offered: Assessment offered in the semester in which the course is offered and in the subsequent semester, course offered on demand or every four semesters.

Language of assessment: English, German if agreed upon with the examiner

### 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 (2012)
- Master's degree (1 major) Mathematical Physics (2012)
- Master's degree (1 major) Computational Mathematics (2012)