## Module title
Study Group Modern Differential Geometry

### Abbreviation
11-AG-MDG-161-m01

### Module coordinator
chairperson of examination committee

### Module offered by
Chairperson of examination committee

### Faculty of Physics and Astronomy

### ECTS
10

### Method of grading
Numerical grade

### Only after succ. compl. of module(s)
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### Duration
1 semester

### Module level
Graduate

### Other prerequisites
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## Contents
Introduction to current questions of modern differential geometry as a preparation for a Master's thesis in this area. Summary of the required fundamental topics in a seminar presentation.

## Intended learning outcomes
The students have advanced knowledge of modern differential geometry and have gained insights into current research topics. They are able to summarise their knowledge in an oral presentation.

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

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<thead>
<tr>
<th>Type</th>
<th>Number of Weekly Contact Hours</th>
<th>Language</th>
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<td>German or English</td>
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### Module taught in:
German or English

## 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 and/or English

### Allocation of places
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### Additional information
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### Referred to in LPO I
(examination regulations for teaching-degree programmes)

### Module appears in
Master's degree (1 major) Mathematical Physics (2016)
Master's degree (1 major) Mathematical Physics (2020)