### Module title
Study Group Quantum Field Theory

### Abbreviation
11-AG-QFT-161-m01

### Module coordinator
chairperson of examination committee

### Module offered by
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 quantum field theory 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 quantum field theory 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)

<table>
<thead>
<tr>
<th>Type</th>
<th>Number of Weekly Contact Hours</th>
<th>Language</th>
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<tbody>
<tr>
<td>S</td>
<td>4</td>
<td>German or English</td>
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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)

<table>
<thead>
<tr>
<th>Type</th>
<th>Scope</th>
<th>Language</th>
<th>Examination Offered</th>
<th>Creditable for Bonus</th>
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<td>talk</td>
<td>60 to 120 minutes</td>
<td>German and/or English</td>
<td>In the semester in which the course is offered and in the subsequent semester</td>
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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) Mathematical Physics (2016)