# Laboratory Course Astrophysics

**Module title**: Laboratory Course Astrophysics  
**Abbreviation**: 11-APP-152-m01

**Module coordinator**: Managing Director of the Institute of Theoretical Physics and Astrophysics  
**Module offered by**: Faculty of Physics and Astronomy

<table>
<thead>
<tr>
<th>ECTS</th>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>(not) successfully completed</td>
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**Duration**: 1 semester  
**Module level**: graduate  
**Other prerequisites**: --

**Contents**  
Astrophysical experiments in the fields of detectors, telescopes, methodology, analysis and astronomical observations.

**Intended learning outcomes**  
The students have mastered experimental methods of Astrophysics and are able to analyse and interpret the measuring data and present the results. They are familiar with the working methods of observational Astronomy and with basic techniques of detecting electromagnetic radiation. They are able to plan and evaluate observations and measurements and to present the results.

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

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<tbody>
<tr>
<td>Module taught in: 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)

| a) Preparing, performing and evaluating the experiments will be considered successfully completed if a Testat (exam) is passed. Experiments that were not successfully completed can be repeated once. Or b) discussion to test the candidate’s understanding of the physics-related contents and results of the experiment (approx. 20 minutes). |
| 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)

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**Module appears in**  
Bachelor’ degree (1 major) Physics (2015)