## Module title
- **Practical Course Astrophysics**

## Abbreviation
- 11-APP-111-m01

## Module coordinator
- Managing Director of the Institute of Theoretical Physics and Astrophysics

## Module offered by
- Faculty of Physics and Astronomy

## ECTS
- 6

## Method of grading
- Only after succ. compl. of module(s)

## 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
- Astrophysical experiments in the fields of detectors, telescopes, methodology, analysis and astronomic 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
- **P** (no information on SWS (weekly contact hours) and course language available)

## 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).

## Allocation of places
- --

## Additional information
- --

## Referred to in LPO I
- (examination regulations for teaching-degree programmes)

## Module appears in
- Bachelor’ degree (1 major) Physics (2010)
- Bachelor’ degree (1 major) Physics (2012)
- Master’s degree (1 major) Physics (2010)
- Master’s degree (1 major) Physics (2011)
Master's degree (1 major) FOKUS Physics (2010)
Master's degree (1 major) FOKUS Physics (2011)
Master's degree (1 major) FOKUS Physics (2006)