## Module Description

### Module title
Theoretical Astrophysics

### Abbreviation
11-AST-092-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
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
Theoretical Astrophysics, models for the description of complex observation results, numeric simulations.

### Intended learning outcomes
The students have basic knowledge of the methods of Theoretical Astrophysics. They are able to design complex observations and to test the models with the help of simulations.

### Courses
R + V (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
written examination (approx. 120 minutes)

### 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
- Bachelor's degree (1 major) Physics (2010)
- Bachelor's degree (1 major) Physics (2012)
- Bachelor's degree (1 major) Mathematical Physics (2009)
- Bachelor's degree (1 major) Mathematical Physics (2012)
- Master's degree (1 major) Physics (2010)
- Master's degree (1 major) Physics (2011)
- Master's degree (1 major) Mathematical Physics (2012)
- Master's degree (1 major) FOKUS Physics (2010)
- Master's degree (1 major) FOKUS Physics (2011)
- Master's degree (1 major) FOKUS Physics (2006)