

Theoretical Astrophysics - astro608

<i>Module No.</i>	astro608
<i>Category</i>	Required
<i>Credit Points (CP)</i>	7
<i>Semester</i>	1.

Module: Theoretical Astrophysics

Module Elements:

Nr	Course	Course No.	CP	Artkurz	Teaching hours	Semester
1	Theoretical Astrophysics	astro608	7	Lect. + ex.	3+2	WT

Requirements for Participation:

Form of Examination: written examination

Content: Introduction into Theoretical Astrophysics

Aims/Skills: To provide the students with sound theoretical bases on a number of topics that have wide applications in astrophysics. They include general relativity, kinetic theory, plasma and fluid dynamics, stochastic and radiative processes, and radiative transfer.

Course achievement/Criteria for awarding cp's: successful work with exercises

Length of Module: 1 semester

Maximum Number of Participants: ca. 100

Registration Procedure: s. <https://basis.uni-bonn.de> u. <http://bamawww.physik.uni-bonn.de>

Note: