

Study and examination performance

Description of Achievement and Assessment Methods	Written exam, oral exam or student's presentation
Type of Assessment	written or oral
Duration of Assessment (in Minutes)	0
Exam retake next semester	N
Exam retake at the end of semester	J

Description

Prerequisites (recommended)	No prerequisite for admission to the module. The admission to the module examination is acquired by written homework, practical exercises or a student's presentation.
Intended Learning Outcomes	Observational methods and observational results in modern astrophysics and astronomy
Content	Electromagnetic radiation, astronomical coordinates, astrophysical instruments, planetary systems. Stars: spectral classes of stars, Hertzsprung-Russel-diagram, variable stars, interior of stars, stellar fusion, stellar evolution, late stages supernovae, white dwarfs, neutron stars, black holes. Galaxies: classification, dynamics, active galaxies, Hubble law. Cosmology: cosmological principle, Robertson-Walker metrics, Friedman equation, cosmic micro-wave background, nuclear synthesis structure formation, gravitational lensing
Teaching and Learning Methods	
Media	
Reading List	