Physics department courses available for foreign students 2022/2023

Spring semester	
Batchelor courses:	Master Courses:
Physics II	Actual problems in physics and astronomy
Physics II laboratory	Research laboratory work I, II
Laser physics	Physics academic practice
Modern physics	Semiconductor physics and devices
Materials in nature and technology	Introduction in solid state physics
Atoms in external fields	Thin layer physics and deposition methods
Introduction in numerical simulation	
Numerical methods for differential equation solving	

Autumn semester	
Batchelor courses:	**Master Courses:**
Modern Physics II	Actual quantum physics problems
Physical measurement methods and technologies	Laser physics II
Introduction to solid state physics	Elements of theoretical physics
Elementary particle standard model	Continuous media physics
Academic practice II	Physics masters project
Numerical methods	Research laboratory works I

Astronomy and astrophysics	Computational hydrodynamics
	Microscopy and spectroscopy methods Optical and magnetic spectroscopy
	Material physics
	Atoms interaction with light
	Numerical hydrodynamics
	Electronic and photonic devices
	Nanotechnology and nanomaterials