



## Natural Sciences on BSc level

### Study Abroad Course List

#### Fall

**Tuition fee: 2600 / 2900 USD**

*For course syllabi, please contact the Study Abroad Office!*

Program name	Course title	Semester	Credits (ECTS)
<b>Physics BSc</b>	Mechanics (lecture)	Fall	2
	Mechanics (practice)	Fall	2
	Metrology (lecture)	Fall	2
	Metrology (practice)	Fall	1
	Electricity and Magnetism (lecture)	Fall	2
	Electricity and Magnetism (seminar)	Fall	2
	Quantum Mechanics (lecture)	Fall	2
	Quantum Mechanics (practice)	Fall	2
	Basic mathematics	Fall	2
	Introduction to advanced mathematics	Fall	4
	Computer Architectures	Fall	2
	Computer programming I.	Fall	3
	Introduction to Astronomy	Fall	2
	Problem solving in Physics	Fall	4
	Introductory mechanics lecture	Fall	2
	Introductory mechanics seminar	Fall	3
	Introductory mechanics practical course	Fall	4
	Elementary linear algebra lecture+practice	Fall	5
	Electricity and magnetism practice	Fall	2
	Modern physics I. lecture	Fall	4
	Physics laboratory I.	Fall	4
	Mathematical methods in physics II.	Fall	4
	Computer algebra lecture	Fall	2
	Computer algebra practical course	Fall	3
Electronics lecture	Fall	2	
Electronics practical course	Fall	3	



<b>Earth Sciences BSc</b>	Introduction to Office-related applications	Fall	3
	Introduction to Geology (lecture)	Fall	3
	Introduction to Geology (practice)	Fall	2
	Chemistry Basics I. (lecture)	Fall	2
	Physics Basics I. (lecture)	Fall	2
	Biology Basics (lecture)	Fall	2
	Meteorology (lecture)	Fall	3
	Introduction to Astronomy (lecture)	Fall	2
	Introduction to Pedology	Fall	4
	Introduction to GIS I.	Fall	4
	Introduction to Hydrology and Hydrogeology (practice)	Fall	3
	Introduction to Hydrology and Hydrogeology (lecture)	Fall	3
	Field Work I.	Fall	4
	Mineralogy (lecture)	Fall	3
	Mineralogy (practice)	Fall	3
	Introduction to Geophysics	Fall	3
	Paleontology (lecture)	Fall	3
	Paleontology (practice)	Fall	3
Geology of energy resources	Fall	4	
Geomathematics and geostatistics	Fall	4	
<b>Geography BSc</b>	Introduction to Geography	Fall	4
	Introduction to Office-related applications	Fall	3
	Road to Geography	Fall	1
	Geomathematics and Geostatistics	Fall	4
	Social Studies for Geographers	Fall	6
	Introduction to Astronomy	Fall	2
	Introduction to Geology	Fall	3
	Introduction to Geology	Fall	2
	Introduction to GIS I.	Fall	4
	Introduction to Scientific Work	Fall	3
	Introduction to Pedology	Fall	4
	Biogeography	Fall	3
	Introduction to Human Geography	Fall	2
	Urban Geography	Fall	6
	Economic Geography	Fall	6
	Physical Geography of Europe	Fall	6
	Human Geography of Europe	Fall	6
	Introduction to ArcGIS	Fall	4



	Data Acquisition Methods	Fall	4
	Global Tourism	Fall	3
	Road to Geography	Fall	1
	An insight into Hungary	Fall	4