

# 1st year

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Course	Hours					ECTS
	L	S	P	O	Σ	
<b>1st semester</b>	<b>285</b>	<b>0</b>	<b>165</b>	<b>0</b>	<b>450</b>	<b>30</b>
<a href="#">GIS in geology</a>	30	0	15	0	45	3
<a href="#">Chemistry 1</a>	60	0	15	0	75	5
<a href="#">Crystallography</a>	30	0	30	0	60	4
<a href="#">Mathematics 1</a>	60	0	30	0	90	6
<a href="#">Physics 1</a>	45	0	30	0	75	5
<a href="#">Introduction to geology</a>	60	0	45	0	105	7
<b>2nd semester</b>	<b>210</b>	<b>0</b>	<b>210</b>	<b>30</b>	<b>450</b>	<b>30</b>
<a href="#">Geomechanics</a>	30	0	15	0	45	3
<a href="#">Mineralogy</a>	30	0	60	0	90	6
<a href="#">Introduction to geology</a>	0	0	0	15	15	1
<a href="#">Palaeontology</a>	45	0	45	15	105	7
<a href="#">Instrumental methods of analysis</a>	45	0	30	0	75	5
<a href="#">Statistics in geology</a>	30	0	45	0	75	5
<a href="#">Introduction into scientific and research work</a>	30	0	15	0	45	3
<b>TOTAL</b>	<b>495</b>	<b>0</b>	<b>375</b>	<b>30</b>	<b>900</b>	<b>60</b>

## Abbreviations used for the syllabus:

L – lectures

S – seminar

P – practice

O – other forms of educational activities (mainly project work)

ECTS – European Credits Transfer System (1 credit point equals a 30-hour student workload)