

# Curriculum

[NTF](#) › [OG](#) › [Study](#) › [Geology \(UN\)](#) › [Curriculum](#)

## 1st Year

1st YEAR – WINTER SEMESTER		
Course title	Lecturers	ECTS
Physics 1	Marko Žnidarič	5
GIS in Geology	Timotej Verbovšek	3
Chemistry 1	Urška Lavrenčič Štangar	5
Crystallography	Simona Jarc	3
Mathematics 1	Janko Bračič	6
Introduction to Geology	Marko Vrabec	8
<b>Total</b>		<b>30</b>

1st YEAR – SUMMER SEMESTER		
Course title	Lecturers	ECTS
Soil Mechanics	Vojkan Jovičić	3
Mineralogy	Mirijam Vrabec	6
Paleontology	Luka Gale	7
Pedology	Helena Grčman	3
Instrumental Methods of Analysis	Matej Dolenc, Mirijam Vrabec	3
Statistics in Geology	Nina Zupančič	5
Introduction Into Scientific and Research Work	Barbara Čenčur Curk	3
<b>Total</b>		<b>30</b>

## 2nd Year

**2nd YEAR – WINTER SEMESTER**

<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Geochemistry	Nina Zupančič	5
Mineral Deposits	Matej Dolenc	6
Igneous Petrology	Matej Dolenc	6
Metamorphic Petrology	Mirijam Vrabc	6
Sedimentary Petrology	Andrej Šmuc, Mirijam Vrabc	7
<b>Total</b>		<b>30</b>

**2nd YEAR – SUMMER SEMESTER**

<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Quaternary Geology	Andrej Šmuc, Tomislav Popit	3
Geomorphology	Andrej Šmuc, Tomislav Popit	3
Stratigraphy	Boštjan Rožič	8
Stratigraphic tools	Boštjan Rožič	3
Structural Geology	Marko Vrabc	7
Optional course (1 or 2)		6
<b>Total</b>		<b>30</b>

<b>2nd YEAR – ELECTIVE COURSES</b>		
<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Physical Chemistry	Jurij Lah	3
Geodesy	Goran Vižintin	3
Engineering Geology for Geotechnical Constructions	Barbara Čenčur Curk	3
Mathematics 2	Janko Bračič	6
Marine Geochemistry 1	Matej Dolenc, Nastja Rogan Šmuc	3
Ore Microscopy Basics	Matej Dolenc	3
Principles of Seismology	Andrej Gosar	3
Paleontology of Vertebrata	Luka Gale	3
Environmental Sedimentology	Andrej Šmuc, Nastja Rogan Šmuc	6
Volcanology	Mirijam Vrabec, Nina Zupančič	6
History of Geology	Mihael Brenčič	3

## 3rd Year

**3rd YEAR – WINTER SEMESTER**

<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Geology of Slovenia	Andrej Šmuc, Luka Gale	5
Hydrogeology	Mihael Brenčič	6
Engineering Geology	Timotej Verbovšek	8
Environmental Geology	Nastja Rogan Šmuc, Nina Zupančič	5
Regional Geology	Boštjan Rožič	3
Optional Course 1		3
<b>Total</b>		<b>30</b>

**3rd YEAR – SUMMER SEMESTER**

<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Geophysics	Andrej Gosar	4
Karst Geology	Mihael Brenčič	4
Field Mapping	Marko Vrabec	7
Introduction to Geological Mapping	Marko Vrabec	3
Optional Courses 1, 2, 3 or 4		12
<b>Total</b>		<b>30</b>

<b>3rd YEAR – ELECTIVE COURSES</b>		
<b>Course title</b>	<b>Lecturers</b>	<b>ECTS</b>
Biogeochemistry	Nastja Rogan Šmuc	3
Diploma Thesis		6
Physical Chemistry	Jurij Lah	3
Geodesy	Goran Vižintin	3
Ore Deposit Geology	Matej Dolenc	6
Geomedicine	Nastja Rogan Šmuc, Nina Zupančič	3
Engineering Geology for Geotechnical Constructions	Barbara Čenčur Curk	3
Microscopy of Carbonates	Boštjan Rožič	3
Marine Geochemistry 1	Matej Dolenc, Nastja Rogan Šmuc	3
Nanomaterials	Mirijam Vrabc, Sašo Šturm	3
Ore Microscopy Basics	Matej Dolenc	3
Principles of Seismology	Andrej Gosar	3
Paleontology of Vertebrata	Luka Gale	3
Practice Work	Luka Gale	6
Project Work	Barbara Čenčur Curk	6
Land Use and Environmental Impact Assessment	Barbara Čenčur Curk	3
Research Paper		6
Environmental Sedimentology	Andrej Šmuc, Nastja Rogan Šmuc	6
Practical Structural Geology	Marko Vrabc	3
Introduction to Ceramic Materials	Mirijam Vrabc, Sašo Šturm	3
Volcanology	Mirijam Vrabc, Nina Zupančič	6
History of Geology	Mihael Brenčič	3

Details on course syllabus:

- [Course syllabus - 1st and 2nd Year](#)
- [Course syllabus - 3rd Year](#)



[Skip to content](#)  
Dostopnost

- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
-