

3rd year

NTF › OGRO › Study › Bachelor's degree › Geotechnology and mining (VS) › Curriculum › 3rd year

| Course | Hours | | | | | ECTS |
|-------------------------------|------------|-----------|------------|------------|------------|-----------|
| | L | S | P | O | Σ | |
| 5th semester | 165 | 30 | 105 | 135 | 435 | 30 |
| Technology and environment | 30 | 0 | 30 | 0 | 60 | 4 |
| Research drilling I | 30 | 0 | 30 | 0 | 60 | 4 |
| Management of waste materials | 30 | 15 | 0 | 15 | 60 | 4 |
| Landfills for waste materials | 30 | 15 | 0 | 0 | 45 | 4 |
| Practical training | 0 | 0 | 0 | 120 | 120 | 8 |
| Technical optional subject I | 45 | 0 | 45 | 0 | 90 | 6 |
| 6th semester | 180 | 15 | 120 | 45 | 450 | 30 |
| Underground structures I | 45 | 0 | 30 | 15 | 90 | 6 |
| Ore dressing and recycling | 45 | 15 | 15 | 15 | 90 | 6 |
| Research drilling II | 30 | 0 | 15 | 15 | 60 | 4 |
| General optional subject II | 30 | 0 | 30 | 0 | 60 | 4 |
| Technical optional subject II | 30 | 0 | 30 | 0 | 60 | 4 |
| Diploma thesis | 0 | 0 | 0 | 0 | 90 | 6 |
| TOTAL | 345 | 45 | 225 | 180 | 885 | 60 |

| Optional courses | Hours | | | | | ECTS |
|---|-------|----|----|----|----|------|
| | L | S | P | O | Σ | |
| Underground structures II | 45 | 15 | 15 | 15 | 90 | 6 |
| Basics of reinforced concrete constructions | 30 | 0 | 30 | 0 | 60 | 4 |
| Technical mining II | 45 | 0 | 45 | 0 | 90 | 6 |
| Underground landfills for waste materials | 45 | 0 | 30 | 15 | 90 | 6 |
| Utilization of geothermal energy | 30 | 0 | 15 | 15 | 60 | 4 |
| Measurements encyclopedia | 45 | 0 | 30 | 15 | 90 | 6 |
| Measurements in geophysics | 30 | 0 | 15 | 15 | 60 | 4 |
| Basics of underground fluid modelling | 30 | 0 | 30 | 0 | 60 | 4 |
| Advanced strength of materials | 45 | 0 | 45 | 0 | 90 | 6 |

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)

In 4th and 6th Semester, students can choose between optional subjects of other FNS programs of study, optional subjects at other UL members or other Universities in Slovenia or abroad. Extent of selectivity enabled is up to six credit points in 4th and up to 4 credit points in 6th Semester. UL entered yet or will enter into agreement on recognition of the credit system study with listed institutions.

In 5th semester, the extent of six credit points is meant for technical subjects from the list and in 6th semester the extent of credits for the subjects from the same list is four credit points.



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