

2nd year

[NTF](#) › [OGRO](#) › [Study](#) › [Master's Degree](#) › [Geotechnology \(MAG\)](#) › [Curriculum](#) › [2nd year](#)

Course

1st semester

Waste treatment

Dust control

Risk assessment in geotechnology (mining damage)

Engineering geophysics

Planning, organization and management of geotechnological companies

Optional subject

4th semester

Masters thesis

TOTAL

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Optional courses

Reinforced concrete constructions

Security and management of underground structures

Landfill areas

Energy politics

Clean technologies

Deformational monitoring networks

Geostatistics

Geothermal research and underground fluid modelling

Least-squares method

Geomodelling and GIS

Geophysical methods of potential fields

Selected chapters from Engineering Geophysics

Mineral resources and law

Hours

L S P O Σ ECTS

16520145045030

30 20 10 0 60 4

30 0 30 0 60 4

45 0 45 0 90 6

30 0 30 0 60 4

30 0 30 0 60 4

0 0 0 0 120 8

0 0 0 0 45030

0 0 0 0 45030

16520145090060

Hours

L S P O Σ ECTS

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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)



[Skip to content](#)