

## Courses for 2021/22

Courses at Instituto Superior Técnico of the Universidade de Lisboa:

### Topics related to Mining Exploration, Reserves Evaluation and Mining methods

#### Compulsory Courses

Mining Geology	6 (C)
Mine Planning	6 (C)
Rock Blasting and Ventilation	6 (C)
Geo-Spatial Data Science	6 (C)

<b>Total compulsory courses</b>	<b>24</b>
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#### Elective Courses

Innovation and Strategy in Mineral and Energy Resources	6 (C)
Geostatistics	6 (C)
Geographical Information Systems Project	6 (O)
Geophysical Digital Signal Processing	3 (O)
Groundwater Pollution and Protection	6 (O)
Monitoring and Instrumentation of Excavations	3 (O)
Natural and Technological Risks	3 (C)
Remote Sensing	6 (O)
Tunnels Engineering	6 (O)
Curricular Training	12 (O)

C- Compulsory at the IST programme; O- Optional

<b>Total elective courses</b>	<b>≥4</b>
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