

International Master in Mining Engineering
2019/2020 edition

Lectures at IST - this are courses in the 1st semester		ECTS
Mandatory (4 courses)		
1	Geostatistics	6
2	Mine Exploitation	6
3	Data Analysis and Processing	6
4	Soil and Rock Dynamics	6
Electives (1 courses)		
1	Geographical Information Systems	6
2	Drilling and Completion	6
3	Mining Management	6
4	Geophysical Data Processing	6

Lectures at IST - this are courses in the 2nd semester		ECTS
Mandatory (4 courses)		
1	Uncertainty and Risk Modelling of Mineral Resources	6
2	Mining Project and Mine Planning	6
3	Applied Geophysics for Mineral exploration	6
4	Remote sensing	6
Electives (1 courses)		
1	Geomechanics Applied to Mining	6
2	Logistics Management & Operations	6
3	Well Logging and Formation Evaluation	6
4	Reservoir Engineering	6

2nd year is at CUMTB for internship and Thesis writing. The master's thesis is co-supervised by Professors of both institutions.