

Curriculum

NTF › OMM › Study › Bachelor's degree › Metallurgical technology (Higher professional programme) › Curriculum

Course	Hours					ECTS
	L	S	P	O	Σ	
1st semester	255	0	195	0	450	30
Mathematics 1	45	0	45	0	90	6
Physics	45	0	30	0	75	5
Chemistry	60	0	15	0	75	5
Introduction to mechanical engineering	45	0	30	0	75	5
Computer practicals	30	0	45	0	75	5
General optional course 1	30	0	30	0	60	4
2nd semester	210	15	225	0	450	30
Mathematics 2	45	0	45	0	90	6
Thermal engineering calculations	30	15	30	0	75	5
Foundations of mechanics	45	0	30	0	75	5
Fundamentals of physical metallurgy	45	0	30	0	75	5
Metallurgy practicals	15	0	60	0	75	5
General optional course 2	30	0	30	0	60	4
TOTAL	465	15	420	0	900	60

Optional courses	Hours					ECTS
	L	S	P	O	Σ	
Fundamentals of economic analysis	45	0	45	0	90	6
Principles of marketing	30	0	0	0	30	4
Fundamentals of corporate finance	45	0	45	0	90	6
Economy of business in montanistic companies	30	15	15	0	60	4
Environmental economics	45	0	15	0	60	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)