

SK KOSICE03: Courses - Faculty of Mining, Ecology, Process Control and Geotechnology, TUKE	Semester	Study cycle	ECTS credits	Code of subject
Mineralogy I.	winter	bachelor	5	21000527
General Geology I.	winter	bachelor	5	2121161
Structural Geology	winter	bachelor	5	2121891
Laboratory Methods in Geological Research	winter	bachelor	3	2121923
Mineral Deposits	winter	bachelor	5	2107361
Production Logistics	winter	bachelor	6	21000210
Operational and Dispatch Management	winter	bachelor	6	2118691
Logistics of Transport	winter	bachelor	6	21000453
Commercial logistics	winter	bachelor	6	2102601
Properties of Rocks and Rock Massif	winter	bachelor	5	2117041
Tunneling	winter	bachelor	5	2101441
Technological processes of mining	winter	bachelor	6	2116771
Safety systems of underground	winter	bachelor	5	2123481
Planet Earth	winter	bachelor	5	2126531
Identification of geotouristic objects	winter	bachelor	5	2126551
The use of alternative energy sources in tourism	winter	bachelor	5	21000727
Entrepreneurial risk management in tourism	winter	bachelor	2	21000669
Design of PR- and marketing materials in tourism	winter	bachelor	2	2124041
Logistics in tourism	winter	bachelor	4	21000640
Budgeting and accounting	winter	bachelor	5	2129811
Efficiency of investment in the process of valuation earth resources	winter	bachelor	6	2112564
Economy of business,	winter	bachelor	5	2101234
Microeconomics	winter	bachelor	5	2118491
Project Management	winter	bachelor	6	21000779
Regional Geothermics	winter	bachelor	5	21000204
Applied Geostatistics and Deposit Modeling	winter	bachelor	5	2113864
Environmental Protection	winter	bachelor	5	2125461
Enviro aspects of business with earth resources	winter	bachelor	5	2114381
Chemistry	winter	bachelor	6	21000402
Geo-informatics	winter	bachelor	6	2107831
Geographical Information Systems	winter	bachelor	3	2107514
Three-Dimensional Data Analyse in GIS	winter	bachelor	4	2123031
Photogrammetry I	winter	bachelor	6	2122331

Remote Sensing	winter	bachelor	5	21000538
Theory of decision making	winter	bachelor	6	2107321
Mathematical tools of automation	winter	bachelor	5	2111001
Control theory	winter	bachelor	6	21000244
Quality management system	winter	bachelor	6	2124421
Value management	winter	bachelor	6	2129881
Block Field Education (General Geology, Nature Protection)	summer	bachelor	2	2114093
Mineralogy II.	summer	bachelor	5	21000528
General Geology II.	summer	bachelor	5	2121171
Block Field Education (Geological Mapping)	summer	bachelor	2	2114043
Block Field education (Mineralogy, Petrography, Stratigraphy and Paleontology)	summer	bachelor	2	2121903
Modelling of Production Processes	summer	bachelor	6	2111061
Transport means and systems	summer	bachelor	5	2114271
Drilling and blasting	summer	bachelor	5	2126431
Mining applied software	summer	bachelor	5	2123471
Drilling technologies of engineering and exploration wells	summer	bachelor	5	2116831
Hydrogeology and balneology	summer	bachelor	3	2110641
Field Course A	summer	bachelor	5	2117563
Statistical Analysis of Measured Data	summer	bachelor	4	2124191
Geotechnics	summer	bachelor	5	2102121
Financial analysis	summer	bachelor	5	2117891
Technology of Earth Sources Utilization	summer	bachelor	6	2120031
Datbase Systems of Earth Resources	summer	bachelor	1	2114133
Data Processing in GIS	summer	bachelor	5	2116571
GIS Databases	summer	bachelor	5	2114141
Mathematical foundations of automation and information	summer	bachelor	5	21000225
Statistical methods	summer	bachelor	6	2100221
Assurance of quality processes	summer	bachelor	6	2111231
Hydrogeology	winter	master	2	2104121
Regional Geology	winter	master	6	2116381
Sedimentology	winter	master	6	2107021
Block Field Education (Mineral and Geological Mapping)	winter	master	2	2125653
Modelling in Geological Survey	winter	master	2	21000585
Deep oil and gas wells drilling	winter	master	5	2123071
Mining tourism	winter	master	5	21000523
Tourism destination management	winter	master	5	2127591
Financial management	winter	master	6	2111971
Financial investment	winter	master	5	2121794

Geo -Economic context of raw materials use	winter	master	5	21000750
Evaluation of mineral resources	winter	master	6	2119914
Heat Pump Technologies	winter	master	6	21000484
Use of explosives in crisis situations	winter	master	6	2121361
Aerodynamics of wind turbines	winter	master	5	21000295
Environmental Sampling	winter	master	1	2114403
Mineral Processing	winter	master	6	2115811
Photogrammetry II	winter	master	5	2114521
Optimal control	winter	master	6	2115971
Methods of nonlinear programming	winter	master	6	2118601
Analysis of process quality	winter	master	6	2111241
Methods of Planning and Forecasting	winter	masters	5	21000515
Risk Management in Logistics	winter	masters	5	21000716
Distribution logistics	winter	masters	6	2113591
Automatized systems of projecting	winter, summer	master	5	2123601
Block Field Education (Geological Mapping)	summer	master	2	2125513
Block Field Education (Regional Geology and Neotectonics)	summer	master	1	2114073
2D and 3D Seismic Interpretation	summer	master	5	2126341
Well Log Interpretation	summer	master	3	2129251
Sequence Stratigraphy	summer	master	2	2129243
History of Mining	summer	master	5	2124261
Project Management	summer	master	5	21000265
Statics of tunnels	summer	master	5	2123611
Datamining	summer	master	1	2120073
Modeling of flow and heat spreading	summer	master	5	21000544
Projection and realization GIS	summer	master	4	21000294
Experimental design	summer	master	6	2118751
Computer support for control - Control Toolbox	summer	master	5	2116101
Multivariate statistical methods	summer	master	6	21000539