



MODULAR CURRICULUM

Education program: 7M07206 - "Geology and exploration of solid mineral deposits"

Form of study: full Duration of training: 1,5 years Academic degree: master of engineering and technologies

The cycle	code	Name of disciplines	Semester	Acad. credits	lec.	lab.	prac	IWS	Type of control	Chair
Profile training module										
Basic disciplines (BD) (26 credits)										
University component (16 credits)										
BD 1.2.1	LNG202	Foreign language (professional)	1	6	0	0	3	3	Exam	EL
BD 1.2.2	MNG274	Management	1	6	2	0	1	3	Exam	SD
BD 1.2.3	HUM204	Management psychology	1	4	1	0	1	2	Exam	SECPM
Choice component (10 credits)										
Basic geological training module										
BD 1.2.4	GEO209	Geological modeling of mineral deposits	1	6	2	0	1	3	Exam	GSPEMD
BD 1.2.5	GEO326	Modern problems of geological researches	2	4	1	0	1	2	Exam	GSPEMD
Major disciplines (MD) (45 credits)										
University component (UC) (9 credits)										
MD	AAP246	Work placement	3	9					Report	GSPEMD
Profile geological training module										
Choice component (CC) (36 credits)										
MD 1.3.1	GEO246	Ecological geology	1	6	2	0	1	3	Exam	GSPEMD
MD 1.3.2	GEO709	Geotectonics with geodynamics basics	1	6	2	0	1	3	Exam	GSPEMD
MD 1.3.3	GEO214	Advanced well logging	2	6	1	0	2	3	Exam	GSPEMD
MD 1.3.4	GEO220	Metallogeny and ore formations of Kazakhstan	2	6	2	0	1	3	Exam	GSPEMD
MD 1.3.5	GEO231	Basics of petrology	2	6	2	0	1	3	Exam	GSPEMD
MD 1.3.6	GEO203	Actual problems of modern subsurface	2	6	2	0	1	3	Exam	GSPEMD

Experimental-Research Module (18 credits)										
MSERW	AAP221	Master's student experimental research work, including internship and master's project implementation	2	4					Report	GSPEMD
MSERW	AAP220	Master's student experimental research work, including internship and master's project implementation	3	14					Report	GSPEMD
Module of final attestation (12 credits)										
FA	ECA206	Registration and defense of the master's thesis	3	12					Defense of master's thesis	GSPEMD
Total			101							

Vice-Rector for Research and Academic Affairs

Chair of the APC

Director of the Institute

Head of the Department

D. Naurzybayeva

K. Tulegenova

K. Rysbekov

A. Bekbotayeva