

CURRICULUM

EDUCATIONAL AND QUALIFICATION DEGREE: MASTER
 COURSE OF STUDY: MANAGEMENT OF GAS INFRASTRUCTURE
 VOCATIONAL FIELD: 5.8. EXPLORATION, MINING, AND PROCESSING OF MINERALS

FORM OF STUDY: FULL-TIME
 DURATION OF STUDY: 1.5 year
 Duration of the semester: 15 weeks

Year	Semester	N	Course unit code	Full name of the course unit (course projects, practical trainings)	Form of control	Teaching hours (weekly)		Teaching hours per type of seminars			Total	Credits
						L	S	S	Lab	P		
First	First	1	162150	Basics of exploration and production of gas	E	45	45	45	-	-	90	6
		2	162152	Properties of gaseous fuels	E	15	30	-	30	-	45	3
		3	162153	Engineering of transport and distribution of natural gas	E	30	45	45	-	-	75	4
		4	162154	Design and construction of gas supply systems and CP	E	45	45+ 30 ^{CP}	45+ 30 ^{CP}	-	-	120	9
		5	162155	Use of gaseous fuels	E	30	30	-	30	-	60	4
		6	162148	Information-control systems in gas supply	E	30	30	30	-	-	60	4
	Overall for the 1st semester:					6	195	255	195	60	450	30
	Second	7	162156	Reservation of gas consumption	E	30	45	30	15	-	75	5
		8	162157	Technical diagnostics and service of gas pipelines and distribution networks	E	45	45	30	15	-	90	6
		9	162151	Risk management in gas supply	E	30	30	30	-	-	60	5
		10	162158	Rules, standards, and codes for managing gas infrastructure	E	45	45	45	-	-	90	6
		11	162139	Economics and management of a gas company	CA	30	30	30	-	-	60	4
12		162159	Environmental and technological safety and environmental impact	CA	30	30	30	-	-	60	4	
Overall for the 2nd semester:					4+2	210	225	195	30	435	30	
Overall for the first year:					10+2	405	480	390	90	885	60	
Second	Third	13	162146	Diploma Thesis Field Practice - 30 days	-	-	-	-	-	180*	180*	15
				Diploma thesis preparation and defense:	-	-	-	-	-	-	-	15
		Overall for the 3rd semester:					-	-	-	-	180*	180*
Overall for the second year:					-	-	-	-	180*	180*	30	
OVERALL FOR THE FULL COURSE OF STUDY:					10+2	405	480	390	90	1065	90	
							660/480+180*/			/885+180*/		

PARAMETERS OF THE CURRICULUM

Overall teaching hours: 1065/885+180*, as follows:

- Lectures - 405 h.
- Seminars - 480 h.
 - Seminars - 390 h.
 - Lab practice - 90 h.
- Assessment - 180* h.
 - Diploma thesis practice - 180* h (30 days x 6 h.)

Abbreviations: E - exam; CA - continuous assessment; L - lectures; S - seminars; Lab - lab practice; S - seminar, CP - course project.