



UNIVERSITY OF MINING AND GEOLOGY "ST. IVAN RILSKI"

SOFIA

---

---

FACULTY OF MINING TECHNOLOGY

**CURRICULUM**

VOCATIONAL FIELD:	<b>5.13. GENERAL ENGINEERING</b>
COURSE OF STUDY:	<b>SAFETY ENGINEERING</b>
EDUCATIONAL AND QUALIFICATION DEGREE:	<b>MASTER</b>
VOCATIONAL QUALIFICATION:	<b>ENGINEER IN SAFETY</b>
FORM OF STUDY:	<b>FULL-TIME</b>
DURATION OF STUDY:	<b>1.5 YEARS (THREE SEMESTERS)</b>

**Adopted at a session of the Academic Council at the University of Mining and Geology "St. Ivan Rilski":**

**Minutes № 4 / 22.03. 2016**

**HEAD OF DEPARTMENT MINERAL VENTILATION AND TECHNICAL SAFETY :** \_\_\_\_\_  
(Assoc. Prof. Dr. E. Vlaseva)

**DEAN:** \_\_\_\_\_  
(Prof. Dr. I. Koprev)

SOFIA, 2016

**CURRICULUM**  
**EDUCATIONAL AND QUALIFICATION DEGREE: MASTER**  
**COURSE OF STUDY: SAFETY ENGINEERING**  
**VOCATIONAL QUALIFICATION: ENGINEER IN SAFETY**

FORM OF STUDY: FULL-TIME

DURATION OF STUDY: 1.5 years (three semesters)

Year	Semester	№	Course unit code	Full name of the course unit (course assignments, course projects, practical training)	Form of control Exam / CA	Teaching hours		Teaching hours (per semester)	Credits		
						L	S				
FIRST	First - 15 weeks	1	262106	Industrial safety – part I	E	56	24	80	7		
		2	262107	Industrial Ventilation and dust control	E	45	30	75	6		
		3	262108	Industrial hygiene and professional diseases	E	45	30	75	6		
		4	262109	Computer methods in safety – Module A	CE	15	15	30	3		
		5	262110	Stylistic and information studies – Module A	CE	15	15	30	3		
		6		Electives	CE	20	10	30	3		
			412206	Micro sociology							
			322204	Applied illumination							
		1	262126	Practice (Labor conditions in industry) - 10 days (50 hours)	CE			50	2		
		<b>First semester:</b>					<b>3+4</b>	<b>196</b>	<b>124</b>	<b>370</b>	<b>30</b>
	Second - 15 weeks	7	262106	Industrial safety – part II	E	62	28	90	7		
		8	262111	Safety psychology and ergonomics	E	30	20	50	4		
		9	262112	Fire safety and rescue	E	45	45	90	7,5		
		10	262109	Computer methods in safety – Module B	CE	15	15	30	2,5		
		11	262110	Stylistic and information studies – Module B	CE	15	15	30	2,5		
		12		Elective	CE	30	15	45	3,5		
			272275	Project Management							
			232225	Geotechnical safety							
		2	262124	Practice in regional labor inspectorate -10 days	CE			50	2		
		<b>Second semester:</b>					<b>3+4</b>	<b>197</b>	<b>138</b>	<b>385</b>	<b>29</b>
<b>Overall for the first year:</b>					<b>6+8</b>	<b>393</b>	<b>262</b>	<b>755</b>	<b>59</b>		
SECOND	Third	13	262122	Management of safety and industrial risks	E	45	35	80	7		
		14	262110	Stylistic and information studies – Module C	E	16	24	40	3		
		15		Elective	E	16	32	48	4		
			262214	Ventilation and climatization systems' control							
			262227	Mine safety							
		16	262123	Pre-thesis lectures	CE	32	48	80	7		
		3	262115	Pre-thesis practice – 12 days (72 hours)	CE			72	2		
		<b>Third semester:</b>					<b>3+2</b>	<b>109</b>	<b>139</b>	<b>320</b>	<b>23</b>
		State exam								15	
		<b>OVERALL FOR THE FULL COURSE OF STUDY:</b>					<b>9+10</b>	<b>502</b>	<b>401</b>	<b>1075</b>	<b>97</b>

**Abbreviations:**

CA - Continuous Assessment; L - Lectures; S - Seminars;

**Parameters of the Curriculum:**

Overall teaching hours for the full course of study:	1075 teach. hrs.
Academic load:	903 teach. hrs.
lectures:	502 teach. hrs.
seminars:	401 teach. hrs.
Extracurricular load (practical training):	172
Number of exams per course of study:	9
Items of continuous assessment per course of study:	10