

Transilvania University of Braşov, Romania

Study program: Occupational Safety and Health Engineering

Faculty: Materials Science and Engineering
 Study period: 2 years (master)
 Academic year structure: 2 semesters (14 weeks per semester)
 Examination sessions (two): winter session (January/February)
 summer session (June/July)

Courses per years (C= course; S = seminar; L = laboratory; P = project)

1st Year

No. crt.	Course	Code	Language of instruction	1 st Semester					2 nd Semester					
				C	S	L	P	Cred	C	S	L	P	Cred	
1	Occupational Security in Industrial Engineerig	SMSMII	Romanian	2		1		4						
2	Modern Control Methods	SMMMCO	Romanian	2		1		5						
3	Quality Management	SMMACA	Romanian	2		1		5						
4	Calculus Methods and Programs	SMMPRC	Romanian	2		1		5						
5	Risk Management	SMMARI	Romanian	1	1	2		6						
6	Occupational Safety and Health Legislation	SMLSSM	Romanian	2	1	1		5						
7	Occupational Medicine and Hygiene	SMMIMU	Romanian	2	1			2						
8	Professional Risks Prevention	SMPRPR	Romanian						2	1	1			6
9	Occupational Damages and Accidents	SMAVAM	Romanian						2		1			6
10	Prevention and Protection in Emergency Situations	SMPPSU	Romanian						2		1			6
11	Methods for Evaluation of Professional Risks	SMMERP	Romanian						2	1	1			6
12	Methods for Occupational Accidents Prevention	SMPMPAM	Romanian						2		1			6
13	Investigation of Occupational Accidents	SMIADM	Romanian						2		1			6

2nd Year

No. crt.	Course	Code	Language of instructions	3 rd Semester					4 th Semester					
				C	S	L	P	Cred	C	S	L	P	Cred	
1	Fires Prevention	SMPRIN	Romanian	2		1		6						
2	Occupational Security and Health Auditing	SMASSM	Romanian	2		1		6						
3	Social Responsibility	SMRESO	Romanian	2	1			6						
4	Occupational Security and Health Management	SMMSSM	Romanian	1	1	1		6						
5	Occupational protection equipment	SMEPRM	Romanian	2		1		6						
6	Certification of Technical and Individual Safety Equipment	SMCETI	Romanian	2		1		6						
7	Practice and Scientific Research for Elaboration of the Dissertation Thesis	SMACPD	Romanian				160	15						
8	Elaboration of the Dissertation Thesis	SMEXDI	Romanian				64	15						