

# 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)

### 1<sup>st</sup> Year

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

### 2<sup>nd</sup> Year

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