



SVEUČILIŠTE U ZAGREBU
METALURŠKI FAKULTET

UNIVERSITY OF ZAGREB
FACULTY OF METALLURGY

UNDERGRADUATE UNIVERSITY STUDY PROGRAM „OCCUPATIONAL SAFETY, HEALTH AND ENVIRONMENT“



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No.	Designation	LEARNING OUTCOMES AT THE PROGRAM LEVEL
1	IU1	Define the impact of dangers, hazards and efforts on human health and / or the environment.
2	IU2	Identify and analyze dangers, hazards and efforts in the workplace.
3	IU3	Use applicable regulations and standards relevant to safety and health at work.
4	IU4	Recognize the relationship of health and environmental risks.
5	IU5	Apply methods of health protection and measures to increase safety at work.
6	IU6	Recognize the importance of human, socioeconomic and environmental factors on workers' health and working ability.
7	IU7	Apply prevention programs to reduce the impact of danger, harmfulness and efforts in the workplace.
8	IU8	Analyse the present situation, identify problems, formulate and recommend an optimal technological solution.
9	IU9	Collect and analyze data and create risk assessment in the workplace.
10	IU10	Apply teamwork-oriented, ethical principles and encourage the development of communication and social skills.
11	IU11	Manage safety at work systems in organizations and the local community.
12	IU12	Apply logical conclusion and precision in data processing.
13	IU13	Use acquired theoretical knowledge in engineering practice.
14	IU14	Predict methods and determine samples for the determination of contamination of environmental constituents.
15	IU15	Use applicable regulations and standards relevant to the protection of the working environment.
16	IU16	Predict solutions for efficient waste management.
17	IU17	Apply the basic principles of working performance assessment.
18	IU18	Use computer applications for prevent pollution of the working environment and reduce the risk of injuries.
19	IU19	Apply acquired IT knowledge in engineering practice.
20	IU20	Identify hazards and risks arising from the possibility of creating and spreading fire on buildings and use the applicable regulations and standards relevant to fire protection.

