

STUDY PROGRAMME CURRICULUM TECHNICAL SAFETY

2023/2024

Name of study programme	Technical safety
Programme characteristics	
Type	academic
Cycle	bachelor
University of Ljubljana members	• Faculty of Chemistry and Chemical Technology, Večna pot 113, 1000 Ljubljana, Slovenija

Year 1

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0072148	Mathematics I	Jaka Smrekar	45		30			75	150	5	1st semester	no
2.	0072145	Physics I	Miha Ravnik	45		30			75	150	5	1st semester	no
3.	0072147	Chemistry	Barbara Modec, Uroš Grošelj	75	15	60			150	300	10	1st semester	no
4.	0643028	Safety in Civil Engineering	Simon Schnabl	45	30				75	150	5	1st semester	no
5.	0100334	Izbirni predmet		75					75	150	5	1st semester	yes
6.	0072149	Mathematics	David Dolžan	45		30			75	150	5	2nd semester	no
7.	0072146	Physics	Miha Ravnik	45		30			75	150	5	2nd semester	no
8.	0072151	INTRODUCTION TO TECHNICAL AND FIRE SAFETY	Klementina Zupan, Sabina Huč	90		60			150	300	10	2nd semester	no
9.	0072155	Safety in Mechanical Engineering	Boris Jerman	45		30			75	150	5	2nd semester	no
10.	0100335	Izbirni predmet		75					75	150	5	2nd semester	yes
		Total		585	45	270	0	0	900	1800	60		

Year 2

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0072169	LEGAL CONCEPTS OF SAFETY	Grega Strban	30		45			75	150	5	1st semester	no
2.	0072158	Working Environment	Marija Bešter Rogač, Matija Tomšič	45	30				75	150	5	1st semester	no
3.	0072163	NUMERICAL AND COMPUTER TOOLS IN SAFETY	Jurij Reščič	45	15	15			75	150	5	1st semester	no
4.	0072171	MACHINE AND CONSTRUCTION ELEMENTS	Boris Jerman	45		30			75	150	5	1st semester	no
5.	0072166	FUNDAMENTALS OF PROCESS ENGINEERING	Igor Plazl	45		30			75	150	5	1st semester	no
6.	0072172	ENVIRONMENTAL PROTECTION I	Andreja Žgajnar Gotvajn	45	15	15			75	150	5	1st semester	no
7.	0100782	Working Environment	Marija Bešter Rogač, Matija Tomšič	45	30				75	150	5	2nd semester	no
8.	0072165	Basic materials	Boštjan Genorio	45		30			75	150	5	2nd semester	no
9.	0072159	FIRE AND FIRE DYNAMICS	Simon Schnabl	45	30				75	150	5	2nd semester	no
10.	0072162	Occupational medicine	Alenka Franko	30	30	15			75	150	5	2nd semester	no
11.	0100335	Izbirni predmet		75					75	150	5	2nd semester	yes
12.	0100335	Izbirni predmet		75					75	150	5	2nd semester	yes

	Total	570	150	180	0	0	900	1800	60	
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Year 3

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0072185	Safety Statistics	Matija Tomšič	45	15	15			75	150	5	1st semester	no
2.	0072173	Risk Analysis	Sabina Huč	45		30			75	150	5	1st semester	no
3.	0072176	Electrical Engineering and Safety	Grega Bizjak	45		30			75	150	5	1st semester	no
4.	0072179	Dangerous substances	Barbara Novosel	45		30			75	150	5	1st semester	no
5.	0072184	Work Psychology	Marija Molan	60	15				75	150	5	1st semester	no
6.	0072177	Ergonomics and Ergonomic Measurements	Klementina Zupan	45		30			75	150	5	1st semester	no
7.	0072180	Fire Detection and Suppression	Simon Schnabl	45		30			75	150	5	2nd semester	no
8.	0072183	Practicum I	Marija Bešter Rogač			75			75	150	5	2nd semester	no
9.	0100335	Izbirni predmet		75					75	150	5	2nd semester	yes
10.	0072175	Diploma work						225	225	450	15	2nd semester	no
	Total			405	30	240	0	225	900	1800	60		

Year 1, Year 2, Year 3, Programme related electives

	University Course Code	Course title	Lecturers	Contact hours					Individual student work	Total hours	ECTS	Semesters	Elective
				Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study					
1.	0088094									0	5		yes
2.	0100340	MEASUREMENTS IN WORKING ENVIRONMENT	Mitja Kolar	30	15	30			75	150	5		yes

3.	0072181	Fire Safety in Buildings	Domen Kušar	45	15	15			75	150	5		yes
4.	0072157	Work Appliances and Devices	Boris Jerman	45		30			75	150	5		yes
Total				120	30	75	0	0	225	450	20		