

STUDY PROGRAMME CURRICULUM SANITARY ENGINEERING

2025/2026

Name of study programme	Sanitary engineering
Programme characteristics	
Type	academic
Cycle	bachelor
University of Ljubljana members	Faculty of Health Sciences, Zdravstvena pot 5, 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.	0024540	Anatomy and physiology with pathology	Raja Gošnak Dahmane	70		25			85	180	6	1st semester	no
2.	0024541	Biophysics	Miha Fošnarič	45		15			90	150	5	1st semester	no
3.	0024545	Microbiology and Parasitology	Karmen Godič Torkar	60		30			120	210	7	1st semester	no
4.	0024547	Fundamentals of hygiene and professional ethics	Mojca Jevšnik	60	15				105	180	6	1st semester	no
5.	0024542	Social Sciences in Health Care	Blaž Ivanc	60	30				90	180	6	1st semester	no
6.	0024544	Mathematics	Klemen Šivic	60		60			180	300	10	2nd semester	no
7.	0024543	Chemistry	Polonca Trebše	60	15	30			195	300	10	2nd semester	no
8.	0024548	Professional Terminology in a	Tina Levec	30		30			90	150	5	2nd semester	no

		Foreign Language - English Language											
9.	0640611	Environmental health	Martina Oder	30	15	15			90	150	5	2nd semester	no
		Total		475	75	205	0	0	1045	1800	60		

Year 2

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0024555	Municipal hygiene	Martina Oder	75	15	15	75		180	360	12	All-year	no
2.	0024557	Special topics in biophysics	Klemen Bohinc	45		15			90	150	5	1st semester	no
3.	0024550	Biochemistry	Blaž Cigić	45		15			90	150	5	1st semester	no
4.	0024549	Analytical chemistry	Polonca Trebše	30	10	20			90	150	5	1st semester	no
5.	0024556	Buildings and constructional complexes	Mateja Dovjak	30		30			90	150	5	1st semester	no
6.	0640612	Occupational environment	Rok Fink	30		5	25		90	150	5	1st semester	no
7.	0024551	Disinfection, disinsection and deratisation	Borut Poljšak	45			30		75	150	5	2nd semester	no
8.	0024554	Informatics	Danica Dolničar	30	15	30			105	180	6	2nd semester	no
9.	0024552	Epidemiology	Alenka Kraigher, Ivan Eržen	45		15	15		105	180	6	2nd semester	no
10.	0024558	Professional Practice I	Mojca Jevšnik			20		160		180	6	2nd semester	no
		Total		375	40	165	145	160	915	1800	60		

Year 3

				Contact hours									
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	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0601317	Hygiene of establishments and processes	Mojca Jevšnik	75	15	15	60		195	360	12	All-year	no
2.	0601318	Administrative procedure with sanitary and ecological law	Blaž Ivanc	45		30			105	180	6	All-year	no
3.	0024562	Sanitary engineering in emergency situations and first aid management	Damjan Slabe	35	10	30			45	120	4	1st semester	no
4.	0601321	Statistics	Maja Pohar Perme	30		45			75	150	5	1st semester	no
5.	0601323	Elective						135	135	270	9	1st semester	yes
6.	0601319	Bioclimatic design	Mateja Dovjak	30		30			90	150	5	2nd semester	no
7.	0601320	Elective						90		90	3	2nd semester	yes
8.	0024564	Professional work experience II	Andrej Ovca			20		160	0	180	6	2nd semester	no
9.	0024553	Occupational hygiene and ergonomics	Andreja Kukec	30		25	20		75	150	5	2nd semester	no
10.	0640613	Living environment	Borut Poljšak	25	5	10	20		90	150	5	2nd semester	no
Total				270	30	205	100	385	810	1800	60		

Year 4

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0024568	Air pollution	Gregor Skok	50	10	15			105	180	6	1st semester	no

2.	0024573	Technology and food safety	Karmen Godič Torkar, Mojca Jevšnik	60		45	15		90	210	7	1st semester	no
3.	0024567	Waste management	Tjaša Griessler Bulc	45		45			90	180	6	1st semester	no
4.	0024572	Technology and techniques of drinking and waste waters	Nataša Atanasova	45	15	15			75	150	5	1st semester	no
5.	0024570	Professional work experience III.	Martina Oder			10		80		90	3	1st semester	no
6.	0601320	Elective						90		90	3	2nd semester	yes
7.	0039765	Elective						360		360	12	2nd semester	yes
8.	0024566	Energy and the environment	Sašo Medved	45	15	15			105	180	6	2nd semester	no
9.	0024571	Professional work experience IV	Rok Fink			10		80		90	3	2nd semester	no
10.	0024569	Project acquisition, implementation and management	Tjaša Griessler Bulc	15	15	15			225	270	9	2nd semester	no
Total				260	55	170	15	610	690	1800	60		

IZBIRNI STROKOVNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0024538	Environmental and Ecoremediation Tehnologies	Tjaša Griessler Bulc	30		15			45	90	3		yes
2.	0024532	Good Practises in the Food Chain	Mojca Jevšnik	30	10	5			45	90	3		yes
3.	0024527	Turism Hygiene	Rok Fink	30	15				45	90	3		yes
4.	0024524	Public Health	Branko Gabrovec	30		15			45	90	3		yes

5.	0024528	Chemical Technologies	Polonca Trebše	30		15			45	90	3		yes
6.	0039950	Inspection Control	Blaž Ivanc	30		15			45	90	3		yes
7.	0024537	Hazardous substances	Polonca Trebše	30		15			45	90	3		yes
8.	0039951	Professional Health and Safety	Marjan Bilban	30	15				45	90	3		yes
9.	0024539	Nutrition and Dietetics	Vid Vičič	30		15			45	90	3		yes
10.	0102855	Microbiological Examinations in Environment	Karmen Godič Torkar	10		35			45	90	3		yes
11.	0039952	Noise and Vibrations	Mirko Čudina	30		15			45	90	3		yes
12.	0039953	Ecological Psychology	Tina Kavčič	30	15				45	90	3		yes
13.	0643911	Training of employees in hygienically sensitive work environments	Andrej Ovca	30	15				45	90	3		yes
Total				370	70	145	0	0	585	1170	39		

IZBIRNI SPLOŠNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0039728	English Language	Tina Levec	20		25			45	90	3		yes
Total				20	0	25	0	0	45	90	3		