

## STUDY PROGRAMME CURRICULUM BUILDINGS

2023/2024

Name of study programme	<b>Buildings</b>
Programme characteristics	
Type	master's
Cycle	master
University of Ljubljana members	• Faculty of Civil and Geodetic Engineering, Jamova 2, 1000 Ljubljana, Slovenija

Year 1, compulsory

	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.	0035043	Differential equations and geometry	Ganna Kudryavtseva	60	0	0	30	0	90	180	6	1st semester	no
2.	0035044	Daylight	Mitja Košir	30	0	0	60	0	90	180	6	1st semester	no
3.	0106926	Design of building structures I	Boštjan Pulko, Matjaž Dolšek, Sebastjan Bratina	50	25	0	75	0	150	300	10	1st semester	no
4.	0106910	Fire	Tomaž Hozjan	30	15	0	45	0	90	180	6	1st semester	no
5.	0106912	Practical training	Andreja Istenič Starčič	6	0	0	0	80	34	120	4	1st semester	no
6.	0106927	Design of building structures II	Drago Saje, Primož Može	30	15	0	45	0	90	180	6	2nd semester	no
7.	0035046	Structural building physics	Zvonko Jagličič	60	0	60	60	0	180	360	12	2nd semester	no
8.	0035048	Building information modelling	Tomo Cerovšek	30	0	0	30	0	60	120	4	2nd semester	no

9.	0038709	Elective course		45	0	45	0	0	90	180	6	2nd semester	yes
		Total		341	55	105	345	80	874	1800	60		

### Year 2, compulsory

	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.	0578748	Advanced materials	Mateja Dovjak	30	0	0	60	0	90	180	6	2nd semester	no
2.	0035052	Efficient energy use	Mitja Košir	45	0	0	90	0	135	270	9	1st semester	no
3.	0035053	Living environment	Mateja Dovjak	45	0	0	90	0	135	270	9	1st semester	no
4.	0038713	Elective course		45	0	45	0	0	90	180	6	1st semester	yes
5.	0578752	Automatic management of systems	Igor Škrjanc, Vito Logar	45	0	0	45	0	90	180	6	1st semester	no
6.	0038003	Building sustainability assessment	Mitja Košir	30	0	0	30	0	60	120	4	2nd semester	no
7.	0106920	Smart House	Mitja Košir	30	0	0	30	0	60	120	4	2nd semester	no
8.	0038004	Master seminar	Mateja Dovjak	0	30	0	0	60	90	180	6	2nd semester	no
9.	0035050	Master thesis		0	0	0	0	150	150	300	10	2nd semester	no
		Total		270	30	45	345	210	900	1800	60		

### 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.	0038006	Technology of installations	Uroš Stritih	30	0	30	30	0	90	180	6	1st semester, 2nd semester	yes
2.	0035038	Information and communication	Žiga Turk	45	0	45	0	0	90	180	6	1st semester, 2nd semester	yes

		technologies in built environment											
3.	0035039	Sports Education	prof. dr. Branko Škof	0	0	0	0	45	45	90	3	1st semester, 2nd semester	yes
4.	0109793	Closing material cycles in buildings and agglomerations	Nataša Atanasova	30	15		45		90	180	6	1st semester, 2nd semester	yes
Total				105	15	75	75	45	315	630	21		