

STUDY PROGRAMME CURRICULUM CONSTRUCTION MANAGEMENT

2024/2025

Name of study programme	Construction management
Programme characteristics	
Type	higher professional
Cycle	bachelor
University of Ljubljana members	• Faculty of Civil and Geodetic Engineering, Jamova 2, 1000 Ljubljana, Slovenija

Year 1, obvezni

	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.	0038083	Physics	Jure Kokalj	45	15	30	0	0	90	180	6	1st semester	no
2.	0038084	Engineering Communication	Tomo Cerovšek	30	0	0	15	0	45	90	3	1st semester	no
3.	0038085	Engineering Mathematics I	Gašper Jaklič, Nik Stopar	45	0	45	0	0	90	180	6	1st semester	no
4.	0038086	Municipal Economics and Construction Legislation	Daniel Kozelj, Maruška Šubic-Kovač	30	0	30	0	0	60	120	4	1st semester	no
5.	0038087	Buildings	Mitja Košir	60	15	0	45	0	120	240	8	1st semester	no
6.	0038088	Introduction to Civil Engineering		45	0	0	0	0	45	90	3	1st semester	no
7.	0038089	Geodetic engineering	Dušan Kogoj	30	0	0	15	0	45	90	3	2nd semester	no
8.	0038090	GIS and Spatial Records	Marijan Žura	15	15	15	0	0	45	90	3	2nd semester	no
9.	0038091	Construction and building materials	Violeta Bokan-	45	0	0	45	0	90	180	6	2nd semester	no

			Bosiljkov, Vlatko Bosiljkov										
10.	0038092	Hydromechanics and Hydraulics	Gašper Rak, Gorazd Novak, Matjaž Četina	45	15	0	30	0	90	180	6	2nd semester	no
11.	0038093	Computer Science	Matevž Dolenc, Vlado Stankovski	30	15	0	15	0	60	120	4	2nd semester	no
12.	0038094	Statics	Igor Planinc	60	0	60	0	0	120	240	8	2nd semester	no
		Total		480	75	180	165	0	900	1800	60		

Year 2, obvezni

	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.	0038095	Engineering Mathematics II	Gašper Jaklič, Marjeta Kramar Fijavž	45	0	30	0	0	75	150	5	1st semester	no
2.	0038096	Fundamentals of Soil Mechanics	Matej Maček, Vladimir Vukadin	45	0	0	25	5	75	150	5	1st semester	no
3.	0038097	Surface drainage and sewerage	Mario Krzyk, Simon Rusjan	30	15	15	0	0	60	120	4	1st semester	no
4.	0038099	Design and Construction of Roads	Peter Lipar	45	0	0	45	0	90	180	6	1st semester	no

5.	0038098	Strength of Materials	Dejan Zupan	60	0	45	0	0	105	210	7	1st semester	no
6.	0038100	Geotechnical Constructions	Boštjan Pulko	60	10	0	45	5	120	240	8	2nd semester	no
7.	0038101	Timber Structures	Drago Saje, Jože Lopatič	30	0	30	0	0	60	120	4	2nd semester	no
8.	0038102	Fundamentals of Concrete and Masonry Structures	Tatjana Isaković	60	0	60	0	0	120	240	8	2nd semester	no
9.	0038103	Structural Analysis	Matija Gams, Tatjana Isaković	30	0	30	0	0	60	120	4	2nd semester	no
10.	0643671	Izbirni predmet		60	15	60	0	0	135	270	9	All-year	yes
		Total		465	40	270	115	10	900	1800	60		

Year 3, obvezni

	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.	0038566	Concrete Objects	Jože Lopatič, Sebastjan Bratina	30	0	30	0	0	60	120	4	1st semester	no
2.	0038567	Organisation and Management of Construction Works	Robert Klinc	45	0	45	0	0	90	180	6	1st semester	no
3.	0038568	Fundamentals of Steel Structures	Jože Korelc, Leon Hladnik	45	15	45	0	0	105	210	7	1st semester	no
4.	0038565	Technological Processes	Andrej Kryžanowski, Igor Planinc	30	0	45	0	0	75	150	5	1st semester	no
5.	0067392	Elective course		30	0	0	30	0	60	120	4	1st semester	yes
6.	0067388	1. Module course		30	0	0	30	0	60	120	4	1st semester	yes

7.	0038570	Practical Training	Andreja Istenič Starčič	6	0	0	0	160	74	240	8	2nd semester	no
8.	0038569	Diploma work		0	0	0	0	150	150	300	10	2nd semester	no
9.	0067389	2. Module course		30	0	0	30	0	60	120	4	2nd semester	yes
10.	0067390	3. Module course		30	0	0	30	0	60	120	4	2nd semester	yes
11.	0067391	4. Module course		30	0	0	30	0	60	120	4	2nd semester	yes
Total				306	15	165	150	310	854	1800	60		

Izbirni predmeti

	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.	0038081	Fire Resistance of Structures	Tomaž Hozjan	45	0	30	0	0	75	150	5	1st semester, 2nd semester	yes
2.	0643477	Water Supply	Nataša Atanasova, Primož Banovec	20	10	15	15	0	60	120	4	1st semester	yes
3.	0643478	Sustainable engineering	Matjaž Mikoš	30	15	15	0	0	60	120	4	1st semester, 2nd semester	yes
4.	0643479	Universally designed sustainable and green building for health and wellbeing	Alenka Plemelj Mohorič, Mateja Dovjak	35	30	0	25	0	90	180	6	2nd semester	yes
Total				130	55	60	40	0	285	570	19		

Structures (module)

Year 3, obvezni

	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.	0038068	Fundamentals of Earthquake Engineering	Matjaž Dolšek	30	0	0	30	0	60	120	4	1st semester	yes
2.	0038895	Bioclimatic Buildings	Mitja Košir	30	0	0	30	0	60	120	4	2nd semester	yes
3.	0038069	Steel Buildings	Leon Hladnik	30	0	0	30	0	60	120	4	2nd semester	yes
4.	0038070	Computer-Aided Design	Matija Gams, Tatjana Isaković	30	0	0	30	0	60	120	4	2nd semester	yes
5.	0038071	Concrete Bridges	Jože Lopatič	30	0	0	30	0	60	120	4	2nd semester	yes
		Total		150	0	0	150	0	300	600	20		

Organisation (module)

Year 3, obvezni

	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.	0038048	Quality Assurance and Quality Control	Žiga Turk	30	0	30	0	0	60	120	4	1st semester	yes
2.	0038051	Fundamentals of Economics in Civil Engineering	Primož Banovec, Robert Klinc	30	0	30	0	0	60	120	4	2nd semester	yes
3.	0038050	Project Planning and Management	Robert Klinc	30	0	30	0	0	60	120	4	2nd semester	yes

4.	0038049	Building Land Development and Valuation	Daniel Kozelj, Maruška Šubic-Kovač	30	0	30	0	0	60	120	4	2nd semester	yes
Total				120	0	120	0	0	240	480	16		

Traffic (module)

Year 3, obvezni

	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.	0038899	Traffic	Rok Marsetič	30	0	0	30	0	60	120	4	1st semester	yes
2.	0038900	Geotechnics of Traffic Structures	Janko Logar	30	0	0	30	0	60	120	4	2nd semester	yes
3.	0038901	Intelligent Transport Systems	Rok Marsetič	30	0	0	30	0	60	120	4	2nd semester	yes
4.	0038902	Design and Construction of Railways	Darja Šemrov	30	0	0	30	0	60	120	4	1st semester, 2nd semester	yes
Total				120	0	0	120	0	240	480	16		