

STUDY PROGRAMME CURRICULUM MULTIMEDIA

2023/2024

Name of study programme	Multimedia
Programme characteristics	interdisciplinary
Type	academic
Cycle	bachelor
University of Ljubljana members	<ul style="list-style-type: none"> • Faculty of Electrical Engineering, Tržaška cesta 25, 1000 Ljubljana, Slovenija - coordinator • Faculty of Computer and Information Science, 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.	0044885	Karierna komunikacija	Janez Bešter	45		30			75	150	5	1st semester	no
2.	0044886	Communication Systems	Janez Bešter	45		45			120	210	7	1st semester	no
3.	0044888	Calculus	Žiga Virk	45		30			105	180	6	1st semester	no
4.	0044889	Programming 1	Luka Fürst	45		30			105	180	6	1st semester	no
5.	0044892	Uvod v multimedijske sisteme	Matevž Pogačnik, Urban Sedlar	45		30			105	180	6	1st semester	no
6.	0044884	Information Systems	Sara Stančin	45		15			90	150	5	2nd semester	no
7.	0044887	Linear Algebra	Polona Oblak	45		30			105	180	6	2nd semester	no
8.	0044890	Programming 2	Boštjan Slivnik	45		30			105	180	6	2nd semester	no
9.	0044891	Multimedia technology base	Boštjan Batagelj, Iztok Humar	45		30			135	210	7	2nd semester	no

10.	0061942	Multimedia content	Narvika Bovcon	45		30			105	180	6	2nd semester	no
Total				450	0	300	0	0	1050	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.	0044893	Acoustics in communications	Jaka Sodnik	45		30			105	180	6	1st semester	no
2.	0044896	Information and Communication Technology and Society	Dejan Jontes, Maruša Pušnik, Tanja Oblak Črnič	45		30			105	180	6	1st semester	no
3.	0044897	Internet systems	Andrej Kos	45		30			105	180	6	1st semester	no
4.	0044904	Digital broadcasting systems	Matevž Pogačnik	45		30			105	180	6	1st semester	no
5.	0044919	Web programming	Dejan Lavbič	45	20	10			105	180	6	1st semester	no
6.	0044894	Digital Signal Processing	Sara Stančin	45		45			120	210	7	2nd semester	no
7.	0044900	The basics of design	Narvika Bovcon	45		30			105	180	6	2nd semester	no
8.	0044901	Project management, innovation and teamwork	Damijan Miklavčič	30		30			90	150	5	2nd semester	no
9.	0067430	Studio and multimedia production technology	Janez Bešter, Matevž Pogačnik	45		30			105	180	6	2nd semester	no
10.	0082503	Elective course 1		45		30			105	180	6	2nd semester	yes
Total				435	20	295	0	0	1050	1800	60		

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.	0039610	Introduction to Artificial Intelligence	Zoran Bosnić	45		30			105	180	6	1st semester	no
2.	0082542	Multimedia Systems	Luka Čehovin Zajc	45	10	20			105	180	6	1st semester	no
3.	0101066	Computer Graphics and Game Technology	Matija Marolt	45	10	20			105	180	6	1st semester	no
4.	0044925	Communications security and content protection	Vlado Stankovski	45		30			105	180	6	1st semester	no
5.	0082548	Elective course 2		45		30			105	180	6	1st semester	yes
6.	0067431	Mobility and Internet of things	Janez Bešter	45		30			105	180	6	2nd semester	no
7.	0044922	Terminal devices and user interfaces	Jaka Sodnik	45		30			105	180	6	2nd semester	no
8.	0044915	Editing and postproduction	Janez Bešter, Matevž Pogačnik	30		45			105	180	6	2nd semester	no
9.	0082503	Elective course 1		45		30			105	180	6	2nd semester	yes
10.	0044907	Diploma thesis							180	180	6	2nd semester	no
Total				390	20	265	0	0	1125	1800	60		

Programme related electives for study years 2 and 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.	0171404	Organisation and Management	Tomaž Hovelja	45	10	20			105	180	6	2nd semester	yes

2.	0082507	Computer Simulation	Borut Zupančič	45		30			105	180	6	2nd semester	yes
3.	0082509	Speech and Image Technology	Vitomir Štruc	45		30			105	180	6	2nd semester	yes
4.	0082512	Telecommunication Protocols	Grega Jakus	45		30			105	180	6	2nd semester	yes
5.	0039614	Electronic Business	Denis Trček	45		30			105	180	6	1st semester	yes
6.	0070358	Machine Perception	Matej Kristan	45	10	20			105	180	6	1st semester	yes
7.	0082515	Electronic Components and Sensors	Matej Možek	45		30			105	180	6	1st semester	yes
Total				315	20	190	0	0	735	1260	42		

Students select 3 subjects from the above offer in semesters 4, 5, and 6. Students can select electives of other study programmes but no more than 12 ECTS credit points. More info about the selection at the faculty.