



Bachelor's degree study programme: Multimedia and Internet Technologies Faculty of Informatics

Curriculum

No.	Study course	Course code	ECTS Credits
I Year, I Semester			
1.	Mathematics 1	MAT1021	6
2.	Fundamentals of Computer programming and Information Technologies (Group B)	INFN1009	6
3.	Basics of Audiovisual Arts	INF1009	4
4.	Subjects A-B		14
		Total:	30
II Semester			
1.	Mathematics 2	MAT1022	6
2.	Programming Technologies	INF2027	4
3.	Basics of Creative Multimedia	INF2029	4
4.	Fundamentals of Visual Communication	INF1019	4
5.	Discrete Structures and Mathematical Logics	INFN1006	4
6.	Subjects A-B		8
		Total:	30
II Year, III Semester			
1.	Geometry in Multimedia	MAT2025	6
2.	Computer Architecture and Mathematical Logics	INF3064	5
3.	Databases and Information Systems	INF2022	6
4.	Fundamentals of Composition	INF2024	4
5.	Subjects A-B		10
		Total:	31
IV Semester			
1.	Probability Theory and Mathematical Statistics	MAT1013	6
2.	C# and data Structures	INF2043	5
3.	Multimedia Physics	INF2026	4
4.	Software Engineering	INF4019	6
5.	Digital Sound Technologies	INF1012	4
6.	Computer Networks	INF3059	5
		Total:	30



III Year, V Semester			
1.	Graphics and Visualization	INF2044	5
2.	Human-Computer Interaction	INF3060	5
3.	Programming of Virtual Environments and Computer Games	INF3056	6
4.	Subjects A-B		8
Optional (1)			
5A.	Internet Real-Time process Engineering	INF4022	4
5B.	Augmented Reality Engineering	INF4025	4
		Total:	28
VI Semester			
1.	Internet Technologies	INF3002	6
2.	Artificial Intelligence in Computer Games	INF3065	4
3.	Analysis of Algorithms	INF2041	5
4.	IT Project Management	INF3057	4
5.	Subjects A-B		6
Optional (1)			
6A.	Interactive Multimedia and Animation	INF3055	6
6B.	Web Graphics Design	INF3058	6
		Total:	31
IV Year, VII Semester			
1.	Term Paper	INF4024	5
2.	Audiovisual Technologies	INF4048	5
3.	Professional Language for Students of Physical Sciences	INF2020	3
4.	Robotics	INF3063	5
5.	Copyright and Digital Content Management	INF4033	4
6.	Subjects A-B		4
Optional (1)			
7A.	Spatial Image Synthesis	INF3026	4
7B.	Information System Security	INFN4012	4
		Total:	30
VIII Semester			
1.	Internship	INF4028	15
2.	Bachelor Graduation paper	BENBMIT01	15
		Total:	30
	Total for the Programme:		240