

CURRICULUM

STUDY PROGRAM: INFORMATION TECHNOLOGY ENGINEERING

240 ECTS POINTS

FIRST YEAR

No.	Subject	Subject code	Status	ECTS	L	E	Name and surname of the professor
I SEMESTER							
1	Informatics	BLC.002	Obligatory	6	30	30	Nikola Novaković, PhD
2	Mathematics 1	BLC.011	Obligatory	6	30	30	Negovan Stamenković, PhD
3	English language 1	BLC.032	Obligatory	6	30	45	Vesna Đurović, MA
4	Methodology of scientific research	BLC.020	Elective	6	30	30	Nenad Novaković, PhD
5	Management	BLC.001	Elective	6	30	30	Svetlana Dušanić-Gačić, PhD
II SEMESTER							
1	Computer architecture	BLC.050	Obligatory	6	30	30	Boris Damjanović, PhD
2	Introduction to information technologies	BLC.008	Obligatory	6	30	30	Nikola Novaković, PhD
3	English language 2	BLC.033	Obligatory	6	30	45	Vesna Đurović, MA
4	Introduction to operating systems	BLC.055	Elective	6	30	30	Nikola Novaković, PhD
5	Statistics	BLC.004	Obligatory	6	30	30	Zorana Agić, PhD

SECOND YEAR

No.	Subject	Subject code	Status	ECTS	L	E	Name and surname of the professor
III SEMESTER							
1	Artificial intelligence	BLC.225	Obligatory	6	30	30	Davor Radivojević, PhD
2	Mathematics 2	BLC.028	Obligatory	6	30	30	Negovan Stamenković, PhD
2	English language 3	BLC.034	Obligatory	6	30	45	Vesna Đurović, MA
4	Computer networks	BLC.056	Elective	6	30	30	Davor Radivojević, PhD
5	Web design	BLC.031	Elective	6	30	30	Nikola Novaković, PhD
IV SEMESTER							
1	Databases 1	BLC.051	Obligatory	6	30	30	Boris Damjanović, PhD
2	Basics of programming	BLC.027	Obligatory	6	30	30	Boris Damjanović, PhD
3	English language 4	BLC.035	Obligatory	6	30	45	Vesna Đurović, MA
4	Information systems	BLC.031	Elective	6	30	30	Nikola Novaković, PhD
5	Media literacy	BLC.030	Elective	6	30	30	Slavica Išaretović, PhD

THIRD YEAR

No.	Subject	Subject code	Status	ECTS	L	E	Name and surname of the professor
V SEMESTER							
1	Programming	BLC.052	Obligatory	8	30	60	Boris Damjanović, PhD
2	Mathematics 3	BLC.053	Obligatory	8	30	60	Negovan Stamenković, PhD
2	Databases 2	BLC.059	Elective	8	30	60	Boris Damjanović, PhD
4	Video games	BLC.058	Elective	6	30	30	Irena Parović, PhD
VI SEMESTER							
1	Electrical engineering and electronics	BLC.044	Obligatory	8	30	60	Davor Radivojević, PhD
2	Algorithms and data structure	BLC.054	Obligatory	8	30	60	Boris Damjanović, PhD
3	Software engineering	BLC.060	Elective	8	30	60	Davor Radivojević, PhD
4	Human resources management	BLC.013	Elective	6	30	30	Svetlana Dušanić-Gačić, PhD

FOURTH YEAR

No.	Subject	Subject code	Status	ECTS	L	E	Name and surname of the professor
VII SEMESTER							
1	Internet programming	BLC.061	Elective	8	30	60	Boris Damjanović, PhD
2	Internet marketing	BLC.038	Elective	8	30	60	Mirjana Milovanović, PhD
3	Wireless networks	BLC.062	Elective	8	30	60	Davor Radivojević, PhD
4	English language 5	BLC.036	Obligatory	6	30	45	Vesna Đurović, MA
VIII SEMESTER							
1	Contemporary software architectures	BLC.063	Elective	8	30	60	Davor Radivojević, PhD
2	Student's practice	BLC.093		12			
3	Final paper	BLC.094		10			

ELECTIVE COURSES

LIST OF ELECTIVE COURSES 6 ECTS						
No.	Elective course (Subject)	Subject code	P	L	E	
1	Methodology of scientific research	BLC.020	6	30	30	
2	Management	BLC.001	6	30	30	
3	Statistics	BLC.004	6	30	30	
4	Introduction to operating systems	BLC.055	6	30	30	
5	Computer networks	BLC.056	6	30	30	
6	Web design	BLC.031	6	30	30	
7	Information systems	BLC.021	6	30	30	
8	Media literacy	BLC.030	6	30	30	
9	Video games	BLC.058	6	30	30	
10	Human resources management	BLC.013	6	30	30	

11	Entrepreneurship	BLC.014	6	30	30
12	Logistics	BLC.026	6	30	30
13	Animation	BLC.086	6	30	30
14	Basics of the protection systems	BLC.016	6	30	30
15	Ecology	BLC.007	6	30	30

LIST OF ELECTIVE COURSES 8 ECTS					
No.	Elective course (Subject)	Subject code	P	L	E
1	Databases 2	BLC.059	8	30	60
2	Software engineering	BLC.060	8	30	60
3	Internet programming	BLC.061	8	30	60
4	Internet marketing	BLC.038	8	30	60
5	Wireless networks	BLC.062	8	30	60
6	Contemporary software architectures	BLC.063	8	30	60
7	Multimedia	BLC.064	8	30	60
8	Business ethics	BLC.046	8	30	60
9	Internet and new media	BLC.076	8	30	60
10	Digital communications	BLC.079	8	30	60
11	Organization of graphic production	BLC.088	8	30	60