

Curriculum - Bachelor in Computer Sciences

Semester 1								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	CMP 111	Introduction to Algorithms and Programming	Albanian	A	64	61	3.50	5
2	CMP 113	Mathematical Analysis I	Albanian	A	64	61	3.50	5
3	CMP 115	Data Structures	Albanian	A	64	61	3.50	5
4	CMP 117	Physics	Albanian	B	64	59	3.50	5
5	CMP 119	Computer Organization	Albanian	A	64	61	3.50	5
6	EFL 103	Advanced English I	English	E	80	45	5.00	5
Total					400	348	22,5	30

Semester 2								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	CMP 112	Linear Algebra	Albanian	A	64	71	3.50	5
2	CMP 114	Object Oriented Programming	Albanian	A	64	62	3.50	5
3	CMP 116	The Compilers	Albanian	B	64	71	3.50	5
4	CMP 120	Numerical Analysis	Albanian	B	64	61	3.50	5
5	CMP 130	Discrete Mathematics	Albanian	B	64	61	3.50	5
6	CMP 110	JAVA Programming	Albanian	C	64	69	3.00	5
Total					384	395	20,5	30

Semester 3								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	CMP 211	WEB Programming	Albanian	B	64	61	3.50	5
2	CMP 217	Databases	Albanian	B	64	71	3.50	5
3	CMP 213	Microeconomics	Albanian	B	64	67	3.00	5
4	CMP 215	E- Commerce	Albanian	B	64	61	3.50	5
5	CMP 219	Wireless and Mobile Networks	Albanian	B	64	71	3.00	5
Total					320	331	16,5	25

Semester 4								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	CMP 212	Logical circuits	Albanian	B	64	86	3.00	6
2	CMP 214	Macroeconomics	Albanian	C	64	77	3.00	6
3	CMP 216	Technology and Interactive Multimedia	Albanian	B	64	80	3.00	6
4	CMP 220	Computer Networks	Albanian	B	64	86	3.00	6
5	CMP 226	Graph Theory and Algorithms	Albanian	D	64	86	3.00	6
Total					320	415	15	30

Semester 5								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	COM 305	Research Methods and Academic Writing	Albanian	A	48	84	3.00	5
2	CMP 311	Signals Theories	Albanian	C	64	86	3.00	6
3	CMP 313	.NET Technology	Albanian	B	64	86	3.00	6
4	CMP 315	Software Engineering	Albanian	B	64	86	3.00	6
5	CMP 317	User Interface	Albanian	B	64	86	3.00	6
Total					304	428	15	29

Semester 6								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
1	CMP 312	Data Security	Albanian	B	64	86	3.00	6
2	CMP 314	Artificial Intelligence	Albanian	B	64	71	3.00	5
3	CMP 316	Software Testing and Quality Assurance	Albanian	B	64	61	3.00	5
4	CMP 318	Professional Practice	Albanian	D	48	126	2.50	7
5	CMP 320	Final Exam/ Graduation Project	Albanian	E	16	168	0.50	7
6	CMP 310	Mobile Programming	Albanian	B	64	71	3.50	5
Total					320	583	15,5	35

Elective Courses								
	Code	Title	Lang	CT	L/S	IW	Cr	ECTS
	EFL 104	Advanced English II	English	C	80	40	5.00	5
	CMP 122	Law, Technology and Society	Albanian	C	64	61	3.50	5
	CMP 221	Distributed Systems Programming	Albanian	C	64	71	3.50	5
	CMP 223	XML and Applications	Albanian	C	64	71	3.50	5
	GFL 102	German Language I	German	C	64	74	3.50	5