International University of Sarajevo, Faculty of Education (FEDU)

An Integrated Curriculum (1st and 2nd Study Cycle)

Computer Education and Instructional Technology (CEIT)

Semester I						
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**	
MATH201	Linear Algebra		2	1	6	
CEIT201	Office Operations		2	1	6	
PSY103	Introduction to Psychology		2	1	6	
	University Elective 1 (Table 1)				6	
	University Elective 2 (Table 2)				3	
	Foreign Language Elective I (Table 3)				3	
		Semester Total =			30	

Semester II					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CEIT202	Electronic Business		2	1	6
EDU102	Introduction to Pedagogy		3	0	6
MATH203	Introduction to Probability and Statistics		2	1	6
	University Elective 3 (Table 1)				6
	University Elective 4 (Table 2)				3
	Foreign Language Elective II (Table 3)				3
		Semester Total =			30

Semester III					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CS214	Programming		3	0	6
CEIT203	Ethics in Computing		2	1	6
PSY 210	Life-Span Development		2	1	6
	Faculty elective 1				6
	Faculty elective 2				6
		Semester Total =			30

Semester IV					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CS304	Computer Architecture	ELIT200	1	2	6
CEIT301	Information Technologies in Education I		2	1	6
	Program elective 1				6
	Program elective 2				6
	Faculty elective 3				6
		Semester Total =			30

Semester V					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CS302	Algorithm and Data Structures		2	1	6
EDU312	Social Pedagogy		2	1	6
CEIT308	Informatics Teaching Methodology		2	1	6
EDU311	Inclusive Education				6
	Program elective 3				6
		Semester Total =			30

Semester VI					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CS307	Operating Systems		2	1	6
EDU323	Didactics		2	1	6
MATH204	Discrete Mathematics		2	1	6
CS306	Database Management				6
	Program elective 4				6
		Semester Total =			30

Semester VII					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
PSY314	Educational Psychology		2	1	6
CEIT307	Teaching Practice I		0	7	12
	Program elective 5				6
	Free Elective 1				6
		Semester Total =			30

Semester VIII					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CEIT401	Distance Learning		2	1	6
CEIT407	Teaching Practice II		0	7	12
	Program elective 6				6
	Free Elective 2				6
		Semester Total =			30

Semester IX					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
CEIT507	Teaching Practice III		0	7	12
CEIT402	Research Methods in Education		3	0	6
	Program elective 7				6
	Free elective 3				6
		Semester Total =			30

Semester X					
Code	**Title**	**Prereq.**	**T**	**P**	**ECTS**
EDU583	Methodology of Scientific Work		3	0	6
CEIT699	MA Thesis				24
		Semester Total =			30

Total ECTS Required for Graduation	**300**	
No. of Courses	**54**	
Average Credit Load Per Semester	**30**	

University Electives

Table 1

Code	Title	Prerequisites	T	P	ECTS
CS103	Introduction to Programming		3	2	6
ECON111	Introduction to Microeconomics		3	0	6
ENS105	The Brain		3	0	6
IR101	Introduction to International Relations		3	0	6
POLS102	Introduction to Political Science		3	0	6
SOC102	Introduction to Sociology		3	0	6
SPS103	Law and Ethics		3	0	6
SPS120	Critical Thinking		3	0	6
SPS150	World History		3	0	6
VA121	History of Art I		3	0	6

Table 2

Code	Title	Prerequisites	T	P	ECTS
ARCH107	Understanding Art and Architecture		2	0	3
CS100	Computer Skills		0	2	3
CULT101	Understanding Cultural Encounters		2	0	3
ECON105	Understanding Politics Economy and Management		2	0	3
NS111	Understanding Nature and Knowledge		2	0	3
NS112	Understanding Science and Technology		2	0	3
SPS140	Understanding Religion		2	0	3

Table 3

Code	Title	Prerequisites	T	P	ECTS
BOS111	Spoken Bosnian I		2	0	3
BOS112	Spoken Bosnian II		2	0	3
TURK111	Spoken Turkish I		2	0	3
TURK112	Spoken Turkish II		2	0	3

Table 4 Program Electives

Code	Title	Prerequisites	T	P	ECTS
CS105	Advance Programming				
CS303	Digital Design				
CS305	Programming Languages				
CS412	Web Application Development				
CS313	Theory of Computation				
CS299	Social, Legal and Ethical Issues in Computing				
CS310	Human Computer Interaction				
CS417	Introduction to Data Mining				
CS498	Special Topics in Computer Science I				
CS499	Special Topics in Computer Science II				
EDU571	Distance Learning and Evaluation				

Table 5 (Required Psychology/Pedagogy/Didactics/Language Teaching Methodology/Teaching Practice Courses)

Code	Title	Prerequisites	T	P	ECTS
PSY103	Introduction to Psychology		2	1	6
PSY210	Life-span Development		2	1	6
PSY314	Educational Psychology		2	1	6
EDU102	Introduction to Pedagogy		2	1	6
EDU311	Inclusive Education		2	1	6
EDU323	Didactics		2	1	6
TLT315	Language and Literature Teaching-Learning Approach		2	1	6
TLT317	Teaching Language Skills (Understanding-Explanation)		2	1	6
TLT565	Evaluation in Turkish Language Teaching		2	1	6
TLT406	Turkish Language Teaching and Material Design		2	1	6
TLT371	Teaching Practice I		0	8	12
TLT471	Teaching Practice II		0	8	12
TLT571	Teaching Practice III		0	8	12