Program	Level	Second cycle
	Name of the program	Mathematics Education

COURSE

Course title	**Teaching Practice in Mathematics in Secondary School II**			
Course code	Semester	Course status	ECTS	Contact hours (L+AE+LE)
EDU 481	II	Mandatory course	5	1+0+3
Lecturer				
Course Goals	The goal of the course is to advance students' skills to plan, implement and analyze mathematics teaching in secondary schools, as well as to deepen students' knowledge of chosen contents of mathematics.			
Learning Outcomes	Students will: - organize a portfolio to document their skills to plan and analyze mathematics teaching in secondary school, - simulate the implementation of mathematics classes in a faculty environment, - analyze critically and self-reflect on the observed classes, - identify common students' misconceptions in mathematics, and demonstrate their mastery of the conceptual change technique, - demonstrate deep conceptual understanding of mathematical content provided by secondary school curricula in Canton Sarajevo.			

COURSE CONTENT

The purpose of teaching practice, its content and function. Planning of teaching practice. Portfolio: purpose, content, development portfolio. Curricula of secondary school mathematics: the existing curriculum, developing local components, developing a syllabus for elective mathematics classes in secondary school. Making work plans in mathematics teaching. Textbooks and other educational tools. Models of written preparation for teaching. Instructions for monitoring and evaluation of demonstration classes and teaching process in secondary school. Simulation and analysis of mathematics classes in faculty environment – secondary school level. During this course, students are expected to give two demonstration classes in vocational secondary school.

LITERATURE

[1] S. Petrović, J. Martić, Petković: "Didaktičko-metodički priručnik za nastavu matematike od V do II razreda osnovne škole", Zavod za udžbenike i nastavna sredstva, Beograd, 1983

[2] Š. Arslanagić: "Metodička zbirka zadataka sa osnovama teorije iz elementarne matematike", Grafičar promet d.o.o., Sarajevo, 2006

[3] V. Poljak: "Didaktika", Školska knjiga, Zagreb, 1990

[4] M. Marjanović: "Metodika nastave matematike I i II", Učiteljski fakultet, Beograd, 1996

[5] H. Muminović: "Mogućnosti efikasnijeg učenja u nastavi", Svjetlost, Sarajevo, 1998

[6] M. Slatina: "Nastavni metodi", Filozofski fakultet Univerziteta u Sarajevu, Sarajevo, 1998

STUDENT'S WORKLOAD (hours in a semester)

Lectures	15	Tutorial	45	Individual work	90	T o t a l	150

GRADING			**REMARKS**
Criterion	Maximum points	Minimum points	
Activity during classes	30	15	
Demonstration classes	40	25	
Teaching report	30	15	
T o t a l	100	55	