

Study programme(s): Master in Mathematics Teaching (MP)			
Level: master			
Course title: Geometric practicum (MP-12)			
Lecturer: Vojislav Petrović			
Status: elective			
ECTS: 5			
Requirements: none			
Learning objectives Methodical approach to typical high school geometry topics.			
Learning outcomes Students are expected to be able to present typical high school geometry topics.			
Syllabus <i>Theoretical instruction</i> Characteristic theorem on triangles, quadrilaterals, cycles. Triangle centres. Loci of points and lines. Geometric constructions. Stereometric topics.			
Literature 1. D. Lopandić, <i>Geometrija</i> , Zavod za udžbenke, Beograd 2012. 2. P. Mladenović, V. Petrović, <i>Stereometrija - izabrani problemi</i> , Matematiškop, Beograd 2002. 3. V. Petrović, <i>Tetivni i tangentni četvorouglovi</i> , Društvo matematičara Srbije, Beograd 2005. 4. R. Tošić, V. Petrović, <i>Problemi iz geometrije (metodička zbirka zadataka)</i> , Univerzitet u Novom Sadu, 1995.			
Weekly teaching load			Other: 0
Lectures: 2	Exercise: 2	Other forms of teaching: 0	Student research: 0
Teaching methodology Classic teaching supported by presentations.			
Grading (maximum number of points 100)			
Pre-exam obligations	points	Final exam	points
seminar	50	verbal exam	50