Study programmes: Bachelor studies - Mathematics	
Course name: RM05 - Teaching Methodology in Computer Science A	
Lecturers: Miroslav Marić and other lecturers from the Department of Computer Science and Informatics	
Status: Compulsory	
ECTS: 6	
Attendance prerequisites: There are no prerequisites.	
Course aims: The acquisition of general and specific knowledge of teaching methodology in Computer Science; i.e. the way of teaching various topics in the field of Computer Science to the students of different ages.	
Course outcome: Upon completion of the course, the student has professional knowledge from various topics in the field of Computer Science that are taught in schools, as well as the ability to effectively teach students these topics.	

Course content:
- The position and the role of Teaching Methodology in Computer Science.
- World standards in Computer Science education.
- Programs of studies in Serbian schools.
- Roles and functions of school and computing.
- Grading.
- Topics: Digital Technology, the Principles of Computer systems.
- The exercises include working on standard computer applications.

Literature:
Internal materials, textbooks for high school and elementary school
(The lecturer can choose any other appropriate literature)

Number of hours: 4	**Lectures: 2**	**Tutorials: 2**	**Laboratory: -**	**Research: -**

Teaching and learning methods: Frontal, Interactive, Individual and Exercises.

Assessment (maximal 100 points)				
Course assignments	**points**	**Final exam**	**points**	
Lectures	5	Written exam	60	
Exercises / Tutorials	-	Oral exam	-	
Colloquia	35	Written-oral exam	-	
Essay / Project	-			