IP003	**Informatics Teaching Practice I**	L	P	S	ECTS
		0	2	0	2

Course objective. To train students for high-quality preparation, enactment and analysis of all types of lessons in informatics in primary school; to master numerous and different methods of teaching; to use of media and prepare students for computer informatics.

Prerequisites. Informatics Teaching Methods I.

Course content. Practice takes place in the selected primary schools under professional supervision of teaching practitioners. One supervisor will be appointed to the student by Department of Mathematics, and students themselves will choose the other supervisor. Students will practice teaching in school's classrooms – they will get familiar with the organization of teaching in primary school, acquaint themselves with pedagogical documentation, operational plans and programs in mathematics for primary school, attend demonstration lessons enacted by supervisors (teaching practitioners). Independently and with the help of a supervisor, students will prepare, enact and analyze the lessons, in which will apply the knowledge gained during Mathematics teaching methods I and Mathematics teaching methods II, write a detailed written lesson plans for each lesson, he/she will write a journal for lessons observed in supervisor's classroom. Students will attend supervisor appointed by the Department of Mathematics in a maximum of 5 members. Students will attend the other supervisor individually.

LEARNING OUTCOMES

No.	LEARNING OUTCOMES
1.	Prepare and write lessons plans for teaching mathematics
2.	Enact the lesson in accordance with the principles of mathematics.
3.	Analyze the lesson.
4.	Apply different teaching methods.
5.	Orchestrate various forms of classroom work.

RELATING THE LEARNING OUTCOMES, ORGANIZATION OF THE EDUCATIONAL PROCESS AND ASSESSMENT OF THE LEARNING OUTCOMES

TEACHING ACTIVITY	ECTS	LEARNING OUTCOME **	STUDENT ACTIVITY*	EVALUATION METHOD	POINTS	
					min	max
Making lesson plans	0.5	1, 3	Reading literature, lesson preparation and planning	Portfolio with lesson plans	10	25
Demostration lessons	0.7	1, 4	Attending the demostration lessons, writing journals	Attendance sheets, journals of teaching practice	20	35
Enacting a lesson	0.8	1-5	Student teaches lesson unit in school	Public enactment, report of supervisor	20	40

TOTAL	2				50	100

Teaching methods and knowledge assessment.

Student requirements:

- demonstration lessons in supervisor's classrooms (6 lessons in schools elected by the Department of Mathematics and at least 12 in a primary school of student's choice)
- enact 3 trial lessons (1 in primary school elected by the Department of Mathematics and 2 in the primary school of student's choice)
- attend public lessons of colleagues in primary school elected by the Department of Mathematics
- enact public lesson (1 in primary school elected by the Department of Mathematics and 2 in the primary school of student's choice)
- actively participate in the lesson analysis
- make lesson plans for supervisor's demonstration lessons in the school elected by the Department and the journal in the school of student's choice.

To be able to pass the teaching practice, students have to get a passing grade of supervisor (teacher-praticioner), and passing grades for the teaching journal and all lesson. The grade is formed on the basis of an evaluation of supervisor (activity in lesson analysis, regular attendance, attitude toward school work, enacted trial lessons) (40%), and grades of lesson plans for every enacted lesson (15%), enacted public lesons (40%), the teaching journal (5%).

Can a subject taught in English: Yes

Basic literature:

1. V. Galešev i dr., Informatika i računarstvo: metodički priručnik za nastavnike, SysPrint, Zagreb, 2006
2. Nacionalni kurikulum nastavnog predmeta informatike za osnovne i srednje škole, MZOS, 2018

Recommended literature:

1. The curricula of informatics / computer science for primary and secondary education, the Ministry of Science, Education and Sports
2. Textbooks in informatics / computer science for primary and secondary schools