Study programme(s): Informatics (IM), Teaching Informatics (IC)

Level: master

Course title: Seminar paper D (code: IA421)

Lecturers: Miloš Racković, Mirjana Ivanović, Dragan Mašulović, Zoran Budimac, Miloš Stojaković, Đura Paunić, Srđan Škrbić, Vladimir Kurbalija, Miloš Radovanović, Danijela Boberić Krstićev, Danijela Tešendić, Bojana Dimić Surla

Status: elective

ECTS: 6

Requirements: none

Learning objectives

Enabling students to master the principles of the selected modern information disciplines, which are not covered in other subjects.

Learning outcomes

Minimal: Students should be able to present the basic principles of a chosen IT discipline through the appropriate example.

Optimal: Students should be able to demonstrate deeper understanding of the basic principles of the chosen IT discipline through their application in the appropriate real example.

Syllabus

Theoretical instruction

Theoretical foundation of the chosen IT discipline. Technology and software tools, which are used in that discipline. Principles and purposes of use of the appropriate technologies and software tools in the IT discipline chosen.

Practical instruction

Mastering the use of appropriate technologies and software tools on illustrative examples in order to master the basic principles of the chosen IT discipline.

Literature

According to the teacher's suggestion, depending on the topic chosen.

Weekly teaching load				Other:
Lectures: 1	Exercises: 3	Other forms of teaching:	Student research:	

Teaching methodology

Teachers propose topics, and the Faculty Council approves them before the new school year. Students choose topics when enrolling in the semester. Classical teaching methods including use of the video beam are used in lectures. Basic principles and theoretical foundations of a chosen IT disciplines are explained. Real examples from the chosen IT discipline using appropriate technologies and software tools are processed on the exercises. Students show the ability to work independently on a chosen IT discipline through a seminar in which some topic from that discipline is analysed. Students defend the seminar by showing understanding of the basic principles of the IT discipline chosen.

Grading (maximum number of points 100)

Pre-exam obligations	**points**	**Final exam**	**points**
Seminar paper	50	Oral exam	50