Course title: Innovative Modes of Biology Teaching (Interactive Teaching)	
Lecturer: Tomka Miljanović	
Elective Course: elective	
Number of ECTS: 15	
Prerequisites:	

Course Objective:
Pointing out the role of Principle of obviousness and of unity of theory and practice in Biology teaching. Development of student creativity. Realisations of the role practice and experiments have in biology teaching.

Course Outcome:
Enabling students to recognize and adequately valorize different aspects of pupil's personality in Biology teaching.

Course Content:
Theoretical part
Biological experiments in biology teaching, their mportance and role. Criteria for a selection of biological experiments in teaching. Modes of biological experiments. Methodic classification of biological experiments. Demonstrative experiments. Criteria for equipping laboratories in elementary and high schools. Equipment in biology teaching. Demonstrative equipment, its assemblence, maintenance, and managing. Equipment manufacturing and collection assemblance. Means for demonstrative experiments. Chemicals and their maintenance. Analysis of experiments and their realization within elementary and high school curricula. Experiments in different biological fields suitable for practical work in elementary and high schools.
Obligatory experimental colloquia during teaching courses.
Practical part
Practical part follows theoretical topics.

Reading List:
1. Suzić, N., ed. (1999): Interactive Learning, Ministry of Education of Republic of Srpska, Banja Luka.
2. Suzić, N., ed. (2001): Interactive Learning III, „TT-centar", Banja Luka.
3. Milivojević, V. (2005): Active Learning of Ecology Topics in Biology Teaching, Magister Thesis, Faculty of Sciences, Novi Sad.

Total hours:			10	
Lectures: 5	Practicals:	Other:	Student research work: 5	

Methods of instruction:
Interactive teaching

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Assessment (maximum number of points 100)

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Requirements
Active participation in lectures 10pts
Active participation in practicals 10pts
Seminar work 20pts
Oral exam 60pts