



УНИВЕРЗИТЕТ У БАЊОЈ ЛУЦИ

UNIVERSITY OF BANJA LUKA

ПРИРОДНО-МАТЕМАТИЧКИ ФАКУЛТЕТ  
FACULTY OF NATURAL SCIENCES AND MATHEMATICS



CHEMISTRY DEPARTMENT

FIRST CYCLE OF STUDY

Chemistry Education

<b>Course name</b>	<b>Psychology</b>			
<b>Course code</b>	<b>Course status</b>	<b>Semester</b>	<b>Hours of instruction</b>	<b>ECTS</b>
1C16HNS83	required	V	2+2	5
<b>Teacher(s)</b>	<b>Asst. Prof. Siniša Subotić PhD</b>			

<b>Prerequisite course(s)</b>	<b>Entry requirements</b>
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**Course goals**

The aim of the *Psychology* course is to provide basic information on methodological, cognitive, affective, conative, developmental, and pedagogical psychological knowledge relevant to learning, teaching, and the teaching profession in general.

**Learning outcomes**

The student understands the basic principles of the methodology of psychological research and has gone through the stages of realization of illustrative psychological research. The student is introduced to the concept of intelligence and its implications for academic achievement. The student understands the educational implications of personality traits. The student knows the basic characteristics of test anxiety and knows how to use strategies to reduce it. The student understands the basic laws and pedagogical implications of psychological development. The student can provide a critical review of the weaknesses of the current school system and understand the specifics of working in inclusive education. The student knows the main theoretical views on motivation and their application in school practice. The student is introduced to the types of memory, thinking, and learning. The student understands the importance of early traumatic experiences and harmful disciplinary practices for determining later negative educational and other life outcomes and mental health problems. The student understands the main characteristics of autism spectrum disorders.

**Course content**

Introduction to the methodology of psychological research. Intelligence. Personality traits. Test anxiety. Psychological development. History and critique of educational systems. Inclusion in education. Motivation in learning and teaching. Memory. Thought. Learning. Adverse childhood experiences. Corporal punishment of children. Autism spectrum disorders.

**Teaching methods**

Lectures, exercises, group research project, consultations.

**Books and other learning materials**

Woolfolk. A. (2016). Educational psychology. Naklada slap.  
Žiropađa, Lj. (2016). Introduction to psychology (4<sup>th</sup> Ed.). Čigoja štampa.  
Selected chapters and articles.

**Course activities and grading method**

Class attendance and activity. Participation in the realization of the semester research project. Partial knowledge tests (colloquia). Written and oral examination.

<b>Colloquia 1</b>	<b>15 points</b>	<b>Class activity</b>	<b>10 points</b>
<b>Colloquia 2</b>	<b>15 points</b>	<b>Final exam</b>	<b>60 points</b>

**Additional course notes**

Participation in the realization of the semester research project is a prerequisite for taking the final exam.

<b>Name of the teacher who prepared this form:</b>	Siniša Subotić
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