



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

Course name	<b>History of Chemistry</b>			
Course code	Course status	Semester	Hours of instruction	ECTS
1C16HNS1123	elective	VIII	2+0	4
Teacher(s)	<b>Prof. Snežana Uletilović PhD</b>			

Prerequisite course(s)	Entry requirements
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**Course goals**

The aim of this course is to provide basic knowledge about the origin of chemistry, its periodization and development from the prealchemical period until today.

**Learning outcomes**

Students are enabled to follow the development of chemistry through history and different civilizations, from the time when chemistry was a part of other sciences, and to point out the importance of the development of chemistry as an independent scientific discipline.

**Course content**

Prealchemical period.  
Alchemical period.  
Unification period.  
Chemistry based on new foundations.  
Period of quantitative laws.  
Development of organic chemistry.  
Periodic Table of the Elements.  
Radioactivity.  
Nobel Prizes in Chemistry.

**Teaching methods**

Lectures, presentation

**Books and other learning materials**

Marija Janković: **Historija hemije**, Studentska štamparija Univerziteta u Sarajevu - Sarajevo, 1999.  
Drago Grdenić: **Povijest kemije**, Novi liber i školska knjiga - Zagreb, 2000.  
Varenne J-M: **Alhemija**, Arion -Beograd, 1988.

**Course activities and grading method**

Lectures, seminars and consultations.

Activity	5	Colloquium	15
Seminar	20	Final exam	60

**Additional course notes**

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Name of the teacher who prepared this form	Snežana Uletilović
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