Study program: Integrated academic studies of Pharmacy

Type and level of the study program: integrated academic studies

# **Course title: HISTORY OF PHARMACY (PhII-HISTP)**

Teacher: Aleksandra D. Nikolić, Neda S. Gavarić Lakić

Course status: compulsory

ECTS Credits: 3
Condition: -

## Course aim

The aim of this course is to introduce the historical aspects of the development of pharmacy as a science, and understanding the importance and role of pharmacists in the health care system and its relationship to other segments of the health care system.

#### **Expected outcome of the course:**

Students should know the historical and cultural foundations of the development of pharmaceutical profession and the pharmaceutical sciences; understand the role and necessity of personal continuing professional development. Students should know and apply various communication skills in pharmacy and society; know the difference between legal and ethical problems they encounter a pharmacist in his professional work.

## **Course description**

Theoretical education

- 1. The development path of healing skills and preparation of medicines, periodization of the history of pharmacy
- 2. General History of Pharmacy: origins and development of pharmacy in Ancient times in different cultures
- 3. Antic Health and Education (Greece and Rome)
- 4. Arabian medicine and pharmacy
- 5. Medieval Health Education
- 6. Alchemy, Iatrochemistry and pharmaceutical chemistry
- 7. National history of pharmacy
- 8. Basic ethical principles in pharmacy (history, oaths, ethical standards and moral values)

Practical education: exercises, other forms of education, research related activities Analysis and discussion about practical cases.

### Literature

Compulsory

1. Anderson S. Making Medicines - A brief History of pharmacy and pharmaceuticals, 1st ed. Pharmaceutical Press, 2005. Additional

Number of activ	Other:					
Lectures:	Practice:	Other types of teaching:	Research related activities:			
30	15	-	-			
Teaching methods: lectures, interactive classes, practical classes.						
Student activity assessment (maximally 100 points)						

Student activity assessment (maximally 100 points)					
Pre-exam activities	points	Final exam	points		
Lectures	5	Written	50		
Practices	5	Oral			
Colloquium	40				
Essay					