NAME OF THE COURSE	History of Chemistry					
Code	PPC108	Year of study	3rd of undergraduate study and 1st of graduate study			
Course teacher	Dr.sc. Roko Vladušić	Credits (ECTS)	2,0			
Associate teachers		Type of instruction (number of hours)	L	S	E	F
			15			
Status of the course	Elective	Percentage of application of e-learning	10			

COURSE DESCRIPTION	
Course objectives	The goal of the course is to promote scientific thinking through consideration and analysis of the chemistry discoveries from the past and present points of view.
Course enrolment requirements and entry competences required for the course	There is no specific requirements; starting competences are related to the basic knowledge of chemistry.
Learning outcomes expected at the level of the course (4 to 10 learning outcomes)	After fulfilling all obligations, students will be able to: - discuss chemical laws and important discoveries in their original, historical context - discuss chemical laws and important discoveries from today's perspective - describe circumstances which influenced particular discoveries - discuss epistemological foundation of chemistry
Course content broken down in detail by weekly class schedule (syllabus)	1. Technological and philosophical background for development of chemistry (1 hour) 2. Alchemy (2 hours) 3. Phlogistonic and pneumatic chemistry (1 hour) 4. The beginnings of modern chemistry (3 hours) 5. Laws of chemical combinations (3 hours) 6. Atoms and electricity (1 hour) 7. History of organic chemistry (1 hour) 8. History of inorganic chemistry (1 hour) 9. History of physical chemistry (1 hour) 10. United chemistry (1 hour)

Format of instruction		
	☒ lectures	☒ independent assignments
	☐ seminars and workshops	☒ multimedia
	☐ exercises	☐ laboratory
	☐ *on line* in entirety	☐ work with mentor
	☒ partial e-learning	☐ (other)
	☐ field work	

Student responsibilities	Preparation of materials for discussions according to the course curriculum

Screening student work *(name the proportion of ECTS credits for each activity so that the total number of ECTS credits is equal to the ECTS value of the course)*						
	Class attendance	1	Research		Practical training	
	Experimental work		Report		(Other)	
	Essay		Seminar essay		(Other)	
	Tests		Oral exam	1	(Other)	
	Written exam		Project		(Other)	

Grading and evaluating student work in class and at the final exam	Preparations for discussions - 40 % Oral exam or area review - 60 %

Required literature (available in the library and via other	**Title**	**Number of copies in**	**Availability via other media**

media)		**the library**	
	Grdenić, D. (2001). Povijest kemije. Novi Liber i Školska knjiga, Zagreb.	1	
Optional literature (at the time of submission of study programme proposal)	-		
Quality assurance methods that ensure the acquisition of exit competences	Personal consultation, group conversation, institutional evaluation at the end of semester.		
Other (as the proposer wishes to add)			