



Course ID: HOA205	Course name: NOMENCLATURE OF INORGANIC COMPOUNDS		
Cycle: FIRST	Year: SECOND	Semester: IV	ECTS credits:2
Course status: ELECTIVE	Total course hours: 30 Lectures: 30 Laboratory: -		
Teaching participants:	Teachers and associates with expertise in the field of Inorganic Chemistry		
Prerequisite for enrollment:	-		
Course aims:	Acquiring the ability to systematically name inorganic compounds		
Thematic course units:	<ol style="list-style-type: none">1. Objectives, functions and methods of nomenclature of inorganic compounds2. Names and symbols of the elements3. Nomenclature by composition4. Stoichiometric compounds5. Adducts6. Hydrides and polycentric hydrides; ions discharged from polycentric hydrides7. Additive nomenclature; mononuclear and polynuclear compounds; inorganic chain and ring compounds8. Complex compounds; nomenclature by composition; nomenclature according to the configuration (structure) of a complex particle		
Learning outcomes:	After the course the student will be able to: <ul style="list-style-type: none">– know the difference between trivial and systematic names of inorganic compounds– name compounds based on composition by compositional nomenclature methods– name hydrides of p-elements and their derivatives based on the rules of substitutional nomenclature– name coordination units, inorganic chains and rings based on additive nomenclature– write structural formulas, states structural designations and give systematic names for		

	compounds whose nomenclature implies the application of several nomenclature methods
Teaching methodology:	Auditory lectures
Assessment methods and grading system¹:	Grading criteria
	Criteria Maximal score Required score
	1. Class attendance 5 3
	2. Class activities - -
	3. Midterms 50 27
	4. Final exam 45 25
	Total 100 55
	Scores and grading
	Score Grade (BiH) Grade (ECTS)
	< 55 5 F, FX
	55–64 6 E
	65–74 7 D
75–84 8 C	
85–94 9 B	
95–100 10 A	
Literature²:	<p>Mandatory literature:</p> <ol style="list-style-type: none"> 1. Damhus, T., Hartshorn, R. M., Hutton, A. T., & Connelly, N. G. (2005). Nomenclature of inorganic chemistry: IUPAC recommendations 2005. Chemistry International.

¹The grading structure for each subject is determined by the Council of the organizational unit before the beginning of the academic year in which the subject is taught as per Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton

²The Senate of the higher education institution, as an institution, or the Council of the organizational unit of the higher education institution, as a public institution, determines by a special decision, which is published on its website before the beginning of the academic year obligatory, mandatory and recommended textbooks and manuals, as well as other recommended literature based on which exams are prepared and taken as per Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton