



<b>Course ID:</b> HAHI12	<b>Course name: CHEMICAL ANALYSIS OF SELECTED MATERIALS</b>		
<b>Cycle: SECOND</b>	<b>Year: FIRST</b>	<b>Semester: I</b>	<b>ECTS credits: 6</b>
<b>Course status: ELECTIVE</b>	<b>Total course hours: 90</b> Lectures: 45 Laboratory: 45		
<b>Teaching participants:</b>	<b>Teachers and associates with expertise in the field to which the subject belongs</b>		
<b>Prerequisite for enrollment:</b>	-		
<b>Course aims:</b>	Acquiring knowledge from the analysis of various materials of the immediate environment.		
<b>Thematic course units:</b>	<ul style="list-style-type: none"><li>- Construction materials. Different quality aspects of construction materials</li><li>- Construction binders</li><li>- Metal constructions</li><li>- Wood and glass</li><li>- Hygiene agents</li><li>- Inorganic additives in products for hygiene</li><li>- Textile materials analysis</li><li>- Food products, terms and definitions</li><li>- Inorganic aspects of safety and quality of food products</li><li>- Inorganic additives, polyphosphates, nitrites, nitrates</li><li>- Heavy metals in foodstuffs</li><li>- Packaging for food products</li><li>- Artificial drinks</li><li>- BAS Legislation</li></ul>		
<b>Learning outcomes:</b>	Acquired knowledge from the analysis of various materials of the immediate environment.		
<b>Teaching methodology:</b>	Theoretical and practical classes		
<b>Assessment methods and grading system<sup>1</sup>:</b>	<b>Grading criteria</b>		
	Criteria	Maximal score	Required score
	1. Class attendance	5	3

<sup>1</sup>The 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

	2. Class activities	15	8
	3. Midterm	40	22
	4. Final exam	40	22
	Total	100	55
	Scores and grading		
	Score	Grade (B&H)	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
<b>Literature<sup>2</sup>:</b>	<p>Mandatory literature:</p> <ol style="list-style-type: none"> <li>1. Internal script</li> </ol> <p>Supplementary literature:</p> <ol style="list-style-type: none"> <li>1. M. Hadžidedić, Tehnologija sa poznavanjem robe, Svjetlost, Sarajevo, 1981.</li> <li>2. V. Rekalić i O. Vitorović, Analitička ispitivanja u tehnološkoj proizvodnji, principi i postupci, Tehnološko-metalurški fakultet Univerziteta u Beogradu, Beograd, 1988.</li> <li>3. M. Omanović i M. Bulić, Tehnička kontrola kvaliteta III dio - Ispitivanje sastava gvožđa, čelika i liva sa osnovom željeza, Rudarsko-metalurški kombinat, 1982.</li> </ol>		

<sup>2</sup>The 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