



Form SP2

Page **1** of **3** 

## UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE Department of Chemistry

Course ID: HNM302		irse name: CHEMISTRY EDUCATION FOR SUSTAINABLE VELOPMENT			
Cycle: FIRST	Year	: THIRD	Semester: VI	ECTS credits: 2	
Course status: ELECTIVE		Total course hours: 30 Lectures: 30		30	
Teaching participants:		Teachers and associates with expertise in the field to which the subject belongs			
Prerequisite for enrollment:		-			
Course aims:		Introduction to selected topics in chemistry education for contributing to the care for healthier environment and to the increase of quality of life			
Thematic course units:					
Learning outcomes	S:	<ul> <li>Estimate the role of chemistry education for sustainable development</li> <li>Discuss the importance of education at all levels for creating a sustainable future;</li> <li>Recognize the individual responsibility of each person</li> </ul>			

Page **2** of **3** 

## UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE Department of Chemistry

	for sustainability at local and regional level				
	Tor sustainability at local and regional level				
	Skills:  • Argue the importance of a holistic approach in sustainable development;				
	Competences:				
	<ul> <li>Propose action(s) at the local level or wider community in the context of contributing to the realization of sustainable development goals.</li> </ul>				
	Oral presentation				
Teaching methodology:	Discussion				
	Research				
	Grading criteria				
	Criteria	Maximal score	Required score		
	1. Class attendance	5	3		
	2. Class activities	5	3		
	3. Midterm	30	17		
	4. Seminar 5. Final exam	20	10		
	-	40	22		
Assessment methods	Total 100 55 Scores and grading				
and grading system <sup>1</sup> :		Grade	Grade		
	Score	(B&H)	(ECTS)		
	< 55	5	F, FX		
	55-64	6	Е		
	65-74	7	D		
	75-84	8	С		
	85-94	9	В		
	95–100	10	A		
	Mandatory literature				
	1. Vijeće ministara BiH (2010). <i>Strategija razvoja Bosne i</i>				
	Hercegovine.				
Literature <sup>2</sup> :	2. <a href="http://mft.gov.ba/bos/images/stories/medjunarodna">http://mft.gov.ba/bos/images/stories/medjunarodna</a>				
	%20saradnja/BOS-A-Strategija%20razvoja%20BiH.pdf				
	3. http://www.bhas.ba/tematskibilteni/0kolis_2015_Bi				
	H.pdf				

<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

 $<sup>^2</sup>$  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

Form SP2

UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
Department of Chemistry

Page **3** of **3** 

## Supplementary literature:

- 1. Education for Sustainable Development http://www.unece.org/env/esd.html
- 2. Sleurs, W. Ed. (2008). *Competens for Education for Sustainable Development*
- 3. The concept of competencies in the context of Education for Sustainable Development (ESD)

  Dostupno na: <a href="http://esd-expert.net/assets/130314-Concept-Paper-ESD-Competencies.pdf">http://esd-expert.net/assets/130314-Concept-Paper-ESD-Competencies.pdf</a>
- 4. UNESCO (2002). Education for Sustainability From Rio to Johannesburg: Lessons learnt from a decade of commitment. Paris: UNESCO.
- 5. Wheeler, K. A., & Bijur, A. P. (Eds.). (2000). *Education for a sustainable future: A paradigm of hope for the 21st century*. New York: Kluwer Academic/Plenum Publishers.