



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

Form SP2

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Subject code: GE-44.11-4	Subject name: Sustainable Management of Protected Areas		
Ciklus: I	Year: III	Semester: V	ECTS credits: 6
Status: Mandatory		Contact hours: 60 Lectures: 30 Practical courses: 30	
Assigned professors and assistants:	Lecturers and assistants selected for the field to which the course belongs		
Prerequisites:	/		
Subject objectives:	Understand the essence of the identifying, management and categorization of protected natural areas over time and modern concepts of the above.		
Teaching units:	1. Introductory lectures; 2. Historical aspects of identification and management of protected natural areas; 3. Modern concepts of defining, categorizing and managing protected natural areas; 4. Sustainable development - concept, components, evolution of meaning and indicators; 5. Carring capacity in a protected natural areas; 6. Factors of sustainable development of protected natural areas; 7. Partial exam; 8. Protected natural areas in the world - concepts of protection; 9. Models of management of protected natural areas and their efficiency; 10. Protected natural areas in Bosnia and Herzegovina; 11. Basic functions, problems of management and sustainable use of protected natural areas in Bosnia and Herzegovina; 12. Methodology of research of protected natural areas; 13. Geoecological evaluation within protected natural areas; 14. Identification of protection zones; 15. Models of integrated development and sustainable management;		



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Learning outcomes:	Knowledge: - analyzes the factors of sustainable development of protected natural areas; - states the categories of protected natural areas in the world and in Bosnia and Herzegovina; - highlights protection concepts, categorization and management models; - master the knowledge of modern methods of research of protected natural areas, zoning and models of sustainable development; Skills: - independently applies methods for researching protected natural areas; - assesses the benefits of zoning and models of sustainable development of protected natural areas; Competencies: - independently assesses the carrying capacity in a protected natural areas; - student valorizes the features of the elements and factors of the natural environment;																																													
Teaching methods:	Multimedia presentation and conversation (lecture); research independent work of students and joint analysis (practical courses).																																													
Knowledge testing methods with grading structure ¹:	<table><tr><th>Criterion</th><th>Points</th><th>Requirement</th></tr><tr><td>1. Attendance</td><td>5</td><td>3</td></tr><tr><td>2. Participation on lectures</td><td>5</td><td>3</td></tr><tr><td>3. Midterm exam</td><td>40</td><td>22</td></tr><tr><td>4. Seminar paper</td><td>10</td><td>5</td></tr><tr><td>5. Student project</td><td></td><td></td></tr><tr><td>6. Laboratory report</td><td></td><td></td></tr><tr><td>7. Colloquium</td><td></td><td></td></tr><tr><td>8. Final exam</td><td>40</td><td>22</td></tr><tr><td>Total</td><td>100</td><td>55</td></tr></table> <table><tr><th colspan="3">Gradeing:</th></tr><tr><th>Grade</th><th>E CTS grade</th><th>Points</th></tr><tr><td>10</td><td>(A)</td><td>95 - 100</td></tr><tr><td>9</td><td>(B)</td><td>85 - 94</td></tr><tr><td>8</td><td>(C)</td><td>75 - 84</td></tr></table>	Criterion	Points	Requirement	1. Attendance	5	3	2. Participation on lectures	5	3	3. Midterm exam	40	22	4. Seminar paper	10	5	5. Student project			6. Laboratory report			7. Colloquium			8. Final exam	40	22	Total	100	55	Gradeing:			Grade	E CTS grade	Points	10	(A)	95 - 100	9	(B)	85 - 94	8	(C)	75 - 84
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¹ The structure of points and point criteria 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 in accordance with Article 64, paragraph 6 of the Law on Higher Education of Sarajevo Canton



	7 (D)	65 - 74
	6 (E) d	55 - 64
	5 (F,FX)	<55
Literature²:	MANDATORY: - Hrelja, E., 2022: Nacionalni parkovi u Bosni i Hercegovini – problemi održivog razvoja, Univerzitet u Sarajevu – Prirodno-matematički fakultet. - Hrelja, E., 2017: Modeli održivog upravljanja zaštićenim prirodnim područjima Bosne i Hercegovine, Doktorska disertacija – izabrana poglavlja, Zagreb. - Deguignet, M., Juffe-Bignoli, D., Harrison, J., MacSharry, B., Burgess, N., Kingston, N., 2014: 2014 United Nations List of Protected Areas. UNEP-WCMC: Cambridge, UK. - Dudley, N., 2008: Guidelines for Applying Protected Area Management Categories; Gland, Switzerland: IUCN. x+86 pp. RECOMMENDED: - Bognar, A., Bognar, H., 2010: Geoekološko vrednovanje reljefa R. Hrvatske, Geoekologija XXI vjeka, Teorijski i aplikativni zadaci, Nikšić 2010., 44-63. - Buzjak, N., 2008: Geoekološko vrednovanje speleoloških pojava Žumberačke gore, Hrvatski geografski glasnik, 70 (2), 73-89. - Hrelja, E., Drešković, N., Mirić, R., Avdić, B., 2016: Geoecological Evaluation of Terrain in National Park Una, Proceedings Book, International Tourism and Hospitality Management Conference Sarajevo, Faculty of Science, University of Sarajevo, Sarajevo. - Agencija za zaštitu okoliša (AZO), 2015: Kartiranje i procjena ekosustava i njihovih usluga u Hrvatskoj, Zagreb.	

² 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 mandatory and recommended textbooks and manuals, as well as other recommended literature on the basis of which exams are prepared by a special decision which must be published on its website before the beginning of the academic year in accordance with Article 56, paragraph 3 of the Law on Higher Education of the Sarajevo Canton