



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

Form SP2

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Subject code: <i>FG-210-3</i>	Subject name: Geoheritage		
Study cycle: I	Year: II	Semester: III	ECTS credits: 2
Status: Mandatory		Contact hours: 30 <i>Lectures: 15</i> <i>Exercises: 15</i>	
Assigned professors and assistants:			
Prerequisites:	/		
Subject objectives:	<i>Enabling students to understand the essence of geoheritage, geodiversity and landscape, and to recognize the scientific, functional, educational, cultural, historical or economic significance of geoheritage at the international level and the level of Bosnia and Herzegovina and master the knowledge necessary to understand sustainable management and valorization of Geoheritage .</i>		
Teaching units:	<i>1. Introductory considerations, concept and definitions of geoheritage; 2. Concepts of geoheritage protection at the international level; 3. Concepts of protection and legislation on protection of geoheritage at the level of Bosnia and Herzegovina; 4. Geological and paleontological geoheritage - minerals and fossils; 5. Geomorphological geoheritage; 6. Hydrological geoheritage; 7. Biogeographic geoheritage; 8. Pedological geoheritage; 9. Partial exam 10. Landscape as geoheritage 11. IUCN and RAMSAR protected areas 12. UNESCO protected areas 13. NATURA network of protected areas 14. Sustainable use of geoheritage and valorization opportunities 15. Management of protected geoheritage</i>		
Learning outcomes:	Knowledge: <i>- Defines geoheritage and concepts of geoheritage protection at the national and international level;</i>		



	<p>- <i>Identifies elements of geoheritage.</i></p> <p>Skills:</p> <ul style="list-style-type: none"> - <i>Independently creates geoheritage maps;</i> - <i>Independently uses available geoheritage databases at the international and national level.</i> <p>Competencies:</p> <ul style="list-style-type: none"> - <i>Independently researches geoheritage at the national level</i> - <i>valorizes elements of geoheritage.</i> 																																									
Teaching methods:	<i>Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (exercises).</i>																																									
Knowledge testing methods with grading structure¹:	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right;">Points</th> </tr> </thead> <tbody> <tr> <td><i>Attendance</i></td> <td style="text-align: right;">5</td> </tr> <tr> <td><i>Participation on lectures</i></td> <td style="text-align: right;">5</td> </tr> <tr> <td><i>Partial exam</i></td> <td style="text-align: right;">40</td> </tr> <tr> <td><i>Seminar paper</i></td> <td style="text-align: right;">10</td> </tr> <tr> <td><i>Final exam</i></td> <td style="text-align: right;">40</td> </tr> <tr> <td style="border-top: 1px solid black;"><i>TOTAL</i></td> <td style="text-align: right; border-top: 1px solid black;">100</td> </tr> </tbody> </table> <p>Assessment:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"><i>Grade</i></th> <th style="width: 40%;"><i>ECTS grade</i></th> <th style="width: 40%;"><i>Points scale</i></th> </tr> </thead> <tbody> <tr> <td>10</td> <td><i>(A) excellent</i></td> <td style="text-align: right;">95 - 100</td> </tr> <tr> <td>9</td> <td><i>(B) very good</i></td> <td style="text-align: right;">85 - 94</td> </tr> <tr> <td>8</td> <td><i>(C) good</i></td> <td style="text-align: right;">75 - 84</td> </tr> <tr> <td>7</td> <td></td> <td></td> </tr> <tr> <td></td> <td><i>(D) satisfactory</i></td> <td style="text-align: right;">66 - 74</td> </tr> <tr> <td>6</td> <td><i>(E) sufficient</i></td> <td style="text-align: right;">55 - 64</td> </tr> <tr> <td>5</td> <td><i>(F, FX) insufficient</i></td> <td></td> </tr> <tr> <td>55</td> <td></td> <td></td> </tr> </tbody> </table>		Points	<i>Attendance</i>	5	<i>Participation on lectures</i>	5	<i>Partial exam</i>	40	<i>Seminar paper</i>	10	<i>Final exam</i>	40	<i>TOTAL</i>	100	<i>Grade</i>	<i>ECTS grade</i>	<i>Points scale</i>	10	<i>(A) excellent</i>	95 - 100	9	<i>(B) very good</i>	85 - 94	8	<i>(C) good</i>	75 - 84	7				<i>(D) satisfactory</i>	66 - 74	6	<i>(E) sufficient</i>	55 - 64	5	<i>(F, FX) insufficient</i>		55		
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Literature²:	<p>Mandatory:</p> <p><i>Zwicker, G., Žeger Pleše, I., Zupan, I.(2008): Zaštićena geobaština Republike Hrvatske, Državni zavod za zaštitu prirode, Zagreb</i></p> <p><i>GRAY, M. (2004): Geodiversity: Valuing and conserving abiotic nature, John Wiley & Sons, Ltd</i></p>																																									

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

² The Senate of the higher education institution as an institution or a 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 act which is required to 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.



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Buzjak, N. (2011): Georaznolikost i geobaština – pojam i značenje, 5. hrvatski geografski kongres, Knjiga sažetaka, Zagreb, Hrvatsko geografsko društvo, 30-30

Recommended:

*UNESCO (2019): Lista Svjetskih geoparkova UNESCO-a:
<http://www.unesco.org/new/en/natural-sciences/environment/earth-sciences/unesco-global-geoparks/list-of-unesco-global-geoparks/>*

UNEP - WCMC (2018). 2018 United Nations List of Protected Areas. Supplement on protected area management effectiveness. UNEP-WCMC: Cambridge, UK