



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

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Subject code: FG-205-4	Subject name: Biogeography		
Study cycle: I	Year: II	Semester: IV	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:	The main goal of the subject is to acquire general knowledge of the distribution of the living world on Earth, as well as the factors and processes that have conditioned the spatial distribution of plant and animal species in the past and today.		
Teaching units:	1. Introduction to Biogeography 2. Types of areal. Distribution of species in areal 3. Elements of flora 4. Endems and relicts 5. Origin spots and migration of species 6. Disjunctives 7. First test 8. Biological invasions 9. Island biogeography 10. Zoogeographic regions 11. Floristic regions 12. Biogeographical differentiation of the World 13. Anthropogenic impacts on plant and animal distribution 14. Hot spots of biodiversity 15. Protected areas		
Learning outcomes:	Knowledge: • student critically analyzes the distribution of the living world on Earth • student identifies the types of areas and the distribution of species in the area • student explains the connection between factors and processes that determined spatial distribution of plant and animal species in the past and today Skills: • student independently identifies various influences on plants and animals distribution in the world and in		



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	Bosnia and Herzegovina Competencies: student independently interprets the biogeographical differentiation of Bosnia and Herzegovina																																																
Teaching methods:	Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (practical courses).																																																
Knowledge testing methods with grading structure¹:	<table><tr><td></td><td colspan="2"><i>Points</i></td></tr><tr><td>Attendance</td><td>5</td><td>3</td></tr><tr><td>Participation on lectures</td><td>5</td><td>3</td></tr><tr><td>Tests</td><td>40</td><td>22</td></tr><tr><td>Seminar paper</td><td>10</td><td>5</td></tr><tr><td>Final exam</td><td>40</td><td>22</td></tr><tr><td colspan="3"> </td></tr><tr><td>TOTAL</td><td>100</td><td>55</td></tr></table> Assessment: <table><tr><td><i>Grade</i></td><td><i>ECTS grade</i></td><td><i>Points scale</i></td></tr><tr><td>10</td><td>(A) excellent</td><td>95 - 100</td></tr><tr><td>9</td><td>(B) very good</td><td>85 - 94</td></tr><tr><td>8</td><td>(C) good</td><td>75 - 84</td></tr><tr><td>7</td><td>(D) satisfactory</td><td>66 - 74</td></tr><tr><td>6</td><td>(E) sufficient</td><td>55 - 64</td></tr><tr><td colspan="3"> </td></tr><tr><td>5</td><td>(F, FX) insufficient</td><td>55</td></tr></table>		<i>Points</i>		Attendance	5	3	Participation on lectures	5	3	Tests	40	22	Seminar paper	10	5	Final exam	40	22				TOTAL	100	55	<i>Grade</i>	<i>ECTS grade</i>	<i>Points scale</i>	10	(A) excellent	95 - 100	9	(B) very good	85 - 94	8	(C) good	75 - 84	7	(D) satisfactory	66 - 74	6	(E) sufficient	55 - 64				5	(F, FX) insufficient	55
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Literature²:	Mandatory: - Đug, S., Škrijelj, R., 2009.: Biogeografija. Prirodnomatematički fakultet, Sarajevo. - Škrijelj, R., Đug, S., 2009.: Uvod u ekologiju životinja. Prirodno-matematički fakultet, Sarajevo. - Đug, S., Osmanović, M. 2023.: Praktikum iz biogeografije, Prirodno-matematički fakultet, Sarajevo. Recommended: - McCravy, K., 2016.: Biogeography: a brief introduction, 1st edition, Western Illinois University (available at: bookboon.com) - McPherson, G.R., DeStefano, S., 2003.: Applied Ecology and Natural Resource Management. Cambridge University Press,																																																

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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NewYork.

3. Milanović,Đ.,Brujić,J.,Đug,S.,Muratović,E. i Lukić Bilela, L., 2015.: Vodič kroz tipove staništa BiH prema Direktivi o staništima EU. Prospect C&S s.a.. Rue du Prince Royal 83, 1050 Brussels, Belgium.

4. Smjernice za pripremu Planova upravljanja za Natura 2000 područja u Bosni i Hercegovini. EU. ProspectC&Ss.a..RueduPrince Royal 83, 1050 Brussels, Belgium,2015.