



Subject code: FG-204.9-1	Subject name: The rivers of Bosnia and Herzegovina		
Study cycle: I	Year: II	Semester: III	ECTS credits: 2
Status: Optional		Contact hours: 30 Lectures: 15 Exercises: 15	
Assigned professors and assistants:	Teachers and associates selected in the field to which the subject belongs		
Prerequisites:	/		
Subject objectives:	Detailed introduction about rivers and river systems in Bosnia and Herzegovina. Within the study of rivers of Bosnia and Herzegovina, will be covered by river systems I and II level. Besides the river systems will be presented and data for river basins, and refer to primary and secondary.		
Teaching units:	<ol style="list-style-type: none"> 1. Physical-geographic conditions of formation of river networks in Bosnia and Herzegovina. 2. River networks and river systems of Bosnia and Herzegovina. 3. The density of river network in Bosnia and Herzegovina. 4. Morphometric characteristics of the river basins in Bosnia and Herzegovina. 5. Physical-geographic conditions morphometric characteristics and density of river network. 6. The main river watershed in Bosnia and Herzegovina. 7. Physical-geographic terms of major and minor river watershed. 8. The first test. 9. The main river valleys in Bosnia and Herzegovina. 10. Hydrographic system of the Drina River and affluent I level. 11. Hydrographic system of Bosnia and affluent I level. 12. Hydrographic system of Ukrina and affluent I level. 13. Hydrographic system of the Vrbas River and affluent I level. 14. Hydrographic system of Una and affluent I level. 15. Hydrographic system of the Neretva River and affluent I level. 		
Learning outcomes:	Knowledge: <ul style="list-style-type: none"> • the student critically learns about the physical-geographical conditions of river network formation in Bosnia and Herzegovina, morphometric characteristics and density of the river network; • the student explains the physical-geographical conditions of 		



	<p>the main and secondary river watersheds in Bosnia and Herzegovina, as well as the characteristics of the main river valleys;</p> <p>Skills:</p> <ul style="list-style-type: none"> the student independently performs tasks related to the morphometric characteristics of river basins in Bosnia and Herzegovina; the student independently performs tasks related to the analysis of the elements of the regime and quality of water flows of I and II rank in Bosnia and Herzegovina; <p>Competencies:</p> <ul style="list-style-type: none"> student assesses and interprets the importance, protection and valorization of I and II rank flows in Bosnia and Herzegovina. 																																										
Teaching methods:	Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (exercises).																																										
Knowledge testing methods with grading structure¹:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="text-align: center;"><i>Maximum Points</i></th> <th style="text-align: center;"><i>Minimum points</i></th> </tr> </thead> <tbody> <tr> <td>Attendance</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Participation on lectures</td> <td style="text-align: center;">5</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Tests</td> <td style="text-align: center;">40</td> <td style="text-align: center;">22</td> </tr> <tr> <td>Seminar paper</td> <td style="text-align: center;">10</td> <td style="text-align: center;">6</td> </tr> <tr> <td>Final exam</td> <td style="text-align: center;">40</td> <td style="text-align: center;">21</td> </tr> <tr> <td>TOTAL</td> <td style="text-align: center;">100</td> <td style="text-align: center;">55</td> </tr> </tbody> </table> <p>Assessment:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th><i>Grade</i></th> <th><i>ECTS grade</i></th> <th><i>Points scale</i></th> </tr> </thead> <tbody> <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>5</td> <td>(F, FX) insufficient</td> <td>55</td> </tr> </tbody> </table>		<i>Maximum Points</i>	<i>Minimum points</i>	Attendance	5	3	Participation on lectures	5	3	Tests	40	22	Seminar paper	10	6	Final exam	40	21	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:	<p>Mandatory:</p> <ol style="list-style-type: none"> Spahić, M.: Hidrologija kopna, Sarajevo publishing, Sarajevo 2013. Dukić, D.: Naše rijeke, Novo pokolenje, Beograd 1952. 																																										

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.



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

Form SP2

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Recommended:

1. Hrelja H.: Inženjerska hidrologija, Građevinski fakultet Univerziteta u Sarajevu, Sarajevo 2007.