



UNIVERSITY OF SARAJEVO – FACULTY OF SCIENCE
SUBJECT DESCRIPTION

Form SP2

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Subject code: DG-322.10-1	Subject name: Medical geography		
Ciklus: I	Year: III	Semester: VI	ECTS credits: 2
Status: optional		Contact hours: 30 <i>Lectures: 15</i> <i>Exercises: 15</i>	
Assigned professors and assistants:	/		
Prerequisites:	/		
Subject objectives:	<i>Enabling students to independently interpret a variety of human diseases, their causes and spread in the world.</i>		
Teaching units:	<ol style="list-style-type: none"> 1. <i>Development of Medical geography;</i> 2. <i>Objectives and tasks of Medical geography;</i> 3. <i>Basic concept of Medical geography;</i> 4. <i>Transition and development;</i> 5. <i>Influence of physical factors on human health;</i> 6. <i>Influence of socio-economic factors on human health;</i> 7. <i>Test I;</i> 8. <i>Spatial diffusion of diseases;</i> 9. <i>Population as a medical-geographical category</i> 10. <i>Geography of diseases;</i> 11. <i>Ecological epidemiology of diseases;</i> 12. <i>Endemic diseases in Bosnia and Herzegovina;</i> 13. <i>Regions of diseases in the world;</i> 14. <i>Geographic information systems and disease spread maps</i> 15. <i>Global Health Atlas.</i> 		
Learning outcomes:	<p>Knowledge:</p> <ul style="list-style-type: none"> • <i>student critically analyzes regional specifics of human diseases on Earth;</i> • <i>student analyzes all the essential elements on geographical thematic maps for the development of medical geography in the world;</i> • <i>student explains the connection and interaction of physical phenomena, processes and socio-geographical factors on endemic diseases in the world;</i> <p>Skills:</p> <ul style="list-style-type: none"> • <i>student independently collects data and publishes graphic articles by countries in the world;</i> 		



	<ul style="list-style-type: none"> student assesses the impact of environmental and epidemiological diseases in Bosnia and Herzegovina; <p>Competencies:</p> <ul style="list-style-type: none"> student independently explains spatial patterns of certain diseases in the world; the student highlights the causes and consequences of regional disease in the world; 																																																			
Teaching methods:																																																				
Knowledge testing methods with grading structure ¹:	<table border="1"> <thead> <tr> <th>Criterion</th> <th>Points</th> <th>Requirement</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>Gradeing:</p> <table border="1"> <thead> <tr> <th>Grade</th> <th>E CTS grade</th> <th>Points</th> </tr> </thead> <tbody> <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> <tr> <td>7</td> <td>(D)</td> <td>65 - 74</td> </tr> <tr> <td>6</td> <td>(E) d</td> <td>55 - 64</td> </tr> <tr> <td>5</td> <td>(F,FX)</td> <td><55</td> </tr> </tbody> </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	Grade	E CTS grade	Points	10	(A)	95 - 100	9	(B)	85 - 94	8	(C)	75 - 84	7	(D)	65 - 74	6	(E) d	55 - 64	5	(F,FX)	<55
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Literature²:	<p>MANDATORY:</p> <ol style="list-style-type: none"> Barret, F.A (1996). <i>Daniel Drake's Medical Geography. Social Science and Medicine</i>, 42(6), 791-800 Briney, A. (2008). <i>Medical Geography in website</i>. Nurković, R., 2013: <i>Ruralna geografija svijeta, Univerzitet u Sarajevu, Planjaj, Jelah</i> Jovičić Ž.: <i>Osnovi medicinske geografije Srbije (teorijsko-metodološki koncept), Srpsko geografsko društvo, Beograd, 1998.</i> 																																																			

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 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



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RECOMMENDED:

1. *Valencius, C.B (2000). Histories of Medical Geography. Cambridge Journal of Medical History. 20(1):3-28*
2. *Fellmann, Getis : Human Geography, Landscapes of Human Activities, McGraw-Hill, New York, 1999.*