



<b>Subject code:</b> G/102	<b>Subject name:</b> Research methodology in the field of geographical sciences		
<b>Study cycle:</b> III	<b>Year:</b> I	<b>Semester:</b> I	<b>ECTS credits:</b> 5
<b>Status:</b> Mandatory		<b>Contact hours: 55</b> Lectures: 45 Research seminar: 10	
<b>Assigned professors and assistants:</b>	Teachers and associates selected in the field to which the subject belongs		
<b>Prerequisites:</b>	/		
<b>Subject objectives:</b>	The aim of the subject is to master concepts of understanding the methods and techniques which are applied in geographical research. Train candidates to be able present the different approaches to data collection, processing and analysis. Harmonizing methods with research goals and understanding the possibilities and scope of quantitative and qualitative research methods		
<b>Teaching units:</b>	<ol style="list-style-type: none"> <li>1. Methodology of geographical study – concept, definitions, subject, goals and tasks of the study;</li> <li>2. Theories and methodology of geographical study;</li> <li>3. The role and importance of geography and relationship with other scientific disciplines in the field of scientific research;</li> <li>4. Development of study methodology;</li> <li>6. Research of the problem;</li> <li>8. Data collection and analysis;</li> <li>10. Presentation of the data research and their use;</li> <li>11. Geographical methods and techniques and their use in research;</li> <li>12. Significant information sources and literature in geographical research;</li> <li>13-15. The role and possibility of statistical analysis in geographical research;</li> </ol>		
<b>Learning outcomes:</b>	•		
<b>Teaching methods:</b>	Multimedia presentation and discussion (lectures); practical work, educational material analysis and discussion (research seminar/project tasks).		



<p><b>Knowledge testing methods with grading structure<sup>1</sup>:</b></p>	<p style="text-align: right;"><b>Points</b></p> <p><i>Oral discourses</i>                      25</p> <p><i>Project tasks</i>                            25</p> <p><i>Final exam</i>                                50</p> <p><i>TOTAL</i>                                        100</p> <p><b>Assessment:</b></p> <table border="0"> <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>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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<p><b>Literature<sup>2</sup>:</b></p>	<p><b>Mandatory:</b></p> <ol style="list-style-type: none"> <li>Parsons, A.J. and Knight,P.G.(ur.) (1995):How to do your Dissertationin Geography and Related Disciplines, London:Chapman and Hall.</li> <li>Fiorio, L., Zagheni, E., Abel, G., Hill, J., Pestre, G., Letouzé, E., &amp; Cai, J. (2020). Analyzing the Effect of Time in Migration Measurement Using Georeferenced Digital Trace Data. <i>Demography</i>, Department of Geography University of Washington</li> <li>Valentine, G. and Clifford, N.(ur.) (2003):Key Methods in Geography, SAGE Publications.</li> <li>Robinson, G.(1998):Methodsand Techniques in Human Geography, New York, Wiley.</li> </ol> <p><b>Recommended:</b></p> <ol style="list-style-type: none"> <li>Rogerson, P.A. (2001): Statistical Methods for Geography, SAGE Publications.</li> <li>Cloke, P., Cook,I., Crang,P., Goodwin, M., Painter,J, Philo,C. (2004): Practising Human Geography, SAGE Publications.</li> </ol>																					

<sup>1</sup> 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

<sup>2</sup> 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.