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| Subject code: RPP/214 | Subject name: Natural accidents and risks in the regional and spatial planning | | |
| Study cycle: III | Year: I | Semester: II | ECTS credits: 5 |
| Status: Optional | | Contact hours: 55 Lectures: 40 Seminar: 15 | |
| Assigned professors and assistants: | Teachers and associates selected in the field to which the subject belongs | | |
| Prerequisites: | / | | |
| Subject objectives: | Enabling students to identify and analyze natural accidents and risk assessments and their impact on environmental safety as a basis for regional and spatial planning, and training to independently interpret measures to reduce or mitigate the harmful consequences of their actions. | | |
| Teaching units: | <ol style="list-style-type: none"> 1. Accident, hazard and risk- definition, object and subject of study 2. Natural phenomens and hazards and their impact on tourism and environmental safety and development 3. Causes, formation and consequences of tectonic accidents 4. Tectonic accidents and their regional-geographic and spatial importance 5. Exogenous accidents- causes, origin and consequences 6. Global risks of exogenous accidents on regional and spatial planning 7. Exogenous accidents related to climate and weather changes 8. Causes and consequences of weather hazards and climate fluctuations 9. Exogenous accidents related to hydrosphere 10. Causes and consequences of hazard's formation related to hydrogeological and fluvial accidents 11. Causes and consequences of hazard's formation related to cryosphere and limnic accidents 12. Causes and consequences of hazard's formation related to aeolian and oceanographic accidents 13. Water accidents' impact on regional and spatial planning 14. Anthropogenic accidents- causes, origin and consequences 15. Anthropogenic accidents' impact on spatial planning | | |
| Learning outcomes: | • | | |
| Teaching | Multimedia presentation and discussion (lectures); individual | | |



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| methods: | student research work and group analysis and discussion (research seminar/project). | | | |
| Knowledge testing methods with grading structure¹: | | <i>Maximum Points</i> | <i>Minimum Points</i> | |
| | Written examination | 25 | 14 | |
| | Project tasks | 25 | 14 | |
| | Independent research work with oral verification: | 50 | 27 | |
| | TOTAL | 100 | 55 | |
| | Assessment: | | | |
| | | <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 | |
| Literature²: | <p>Mandatory:</p> <ol style="list-style-type: none"> Spahić, M. (1999): Osnove geoekologije, Geografske osnove životne sredine, Tuzla John C. Pine. (2009): Natural Hazards Analysis Reducing the Impact of Disasters. http://www.taylorandfrancis.com <p>Recommended:</p> <ol style="list-style-type: none"> Bell (1998): Environmental geology, principles and practice, Blackwell Science, pp. 594 McKinney, Michael L. (2012): Environmental Science – Book Alone. Jones & Bartlett Publishers | | | |

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.