Subject code: FG-111.1-1	**Subject name: GENERAL GEOLOGY**		
Ciklus: I	**Year: I**	**Semester: I**	**ECTS credits: 5**
Status: mandatory		**Contact hours: 125** Lectures: 25 Exercises: 25 Seminar :10	
Assigned professors and assistants:			
Prerequisits:	/		
Subject objectives:	Training students to independently interpret the changes that occur on the surface of the Earth and its interior, to independently interpret the geological structure of individual areas and the basic structures of the Earth's crust (layers, wrinkles, faults and covers). Based on this knowledge, they can discern certain changes that have occurred in the environment, due to the activity of various factors.		
Teaching units:	1.Introduction to General Geology 2.The origin, structure and composition of the Earth 3.Geological research, geological maps, geohronological and hronostratigraphical units 4.Dynamically geology, division 5.Egzodynamic 6.Water in all three states and its activity 7.Aeolian activity, glaciers, facies 8.First test 9. Endodynamic (volcanism and seismicism) 10. Orogenesis 11.Tectonic geology 12.The theory of plate tectonics and geosinclinale theories 13.Layers and folds 14.Cracks, faults and nappes 15.Main tectonic structures and discontinuities in Bosnia and Herzegovina		

Learning outcomes:	**Knowledge:** The student will be able to explain the origin of the Earth, describe the structure and composition of the Earth, explain the changes that occured on the surface of the Earth and its interior, the student will know how to recognize and interpret the content of the geological map, the student present and interpret lithological rock markings on maps, interpret the plate tectonics and geosynclinal theory and interpret and present the geochronological division. **Skills:** The student will be able to process and demonstrate the basic structures of the Earth's crust (layers, wrinkles, faults and covers) on geological maps and mark the basic structures of the Earth's crust on graphic attachments. **Competencies:** The student will be able to present and explain geological maps, legends, pillars and profiles, independently interpret the geological structure of the area and prepare graphic attachments.
Teaching methods:	The lectures are theoretical and practical based on graphic attachment production and processing the basic structures of the Earth's crust (layers, wrinkles, faults and covers) and geochronological units on geological maps of various scales and purposes.
Knowledge testing methods with grading structure [1]:	**Knowledge assessment - criteria:** Lecture and exercise attendance: maximum 5 - minimum 3 points activity in class: maximum 5 - minimum 3 points seminar paper: maximum 10 - minimum 5 points test: maximum 40 - minimum 22 points final exam: maximum 40 - minimum 22 points Total 100 points, passing requirement: 55 points minimum. **Assessment:** *Grade* — *ECTS grade* — *Points scale* 10 — (A) excellent — 95 – 100 9 — (B) very good — 85 – 94

[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

	8 (C) good 75 - 84 7 (D) satisfactory 66 – 74 6 (E) sufficient 55 – 64 5 (F, FX) insufficient < 55
Literature[2]:	MANDATORY: Operta, M. (2013): Opća geologija, Udžbenik Prirodno-matematičkog fakulteta Sarajevo. Herak, M. (1990): Geologija, Školska knjiga Zagreb. RECOMMENDED: Plummer, Ch.C., McGeary, D., Carlson, D.H. (2001): Physical Geology, Mgraw-Hill, New York

[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