

Level: bachelor				
Course title: Geology				
Status: elective				
ECTS: 6				
Requirements: none				
Learning objectives Introduce students to the Earth's Structure, characteristics of geo-dynamics, endodynamic and exodynamic processes, as well as the Geological History of Earth.				
Learning outcomes Students will acquire the basic knowledge of the origin and structure of the planet, and minerals that are built in the Earth. Students will learn the basics of the Plate tectonics theory and will be introduced to the process of magmatism, seismology, exogenous processes, genesis of rocks and their metamorphosis. Through learning of the Geological Time Table, students will understand the Earth' geological history. In addition, students will learn practical techniques and methods for identification of minerals and rocks.				
Syllabus <i>Theoretical instruction</i> Subject, task, goal and division of Geology History of Geology Genesis of the Solar System and the Earth. Minerals – building blocks of the planet Structure of the Earth Plate tectonics – a unifying theory Seismology Igneous process and igneous rocks Exogenous processes. Sedimentary rocks Metamorphism. Metamorphic rocks Geological Time Geological History of Earth – fundamentals of Paleogeography. <i>Practical instruction</i> Introduction to the geological collection of the Department. Identification of minerals and rocks. Introduction to the geological sites on the Fruska Gora Mountain.				
Weekly teaching load				Other:
Lectures: 3	Exercises: 2	Other forms of teaching:	Student research:	