

Study programme: MAS Geography			
Level: Master			
Course title: Exploitation and economic importance of mineral resources			
Lecturer: dr Milivoj B. Gavrilov			
Status: Elective			
ECTS: 5			
Requirements: None			
Learning objectives: Students will be introduced to the most important mineral resources, their geographic distribution, economic importance and possibilities of exploitation.			
Learning outcomes: After successfully completing the course the students are expected to demonstrate the ability to recognize the economic importance of various minerals, their geographical distribution and use.			
Syllabus <i>Theoretical instruction:</i> The use of mineral resources in the past. General characteristics of mineral ores. Genetic classification of mineral deposits. The division of mineral resources. Ecological problems of exploitation of mineral resources. Recultivation of surface and underground mines. Mineral deposits in the country. <i>Practical instruction:</i> Field visit to the most prominent mines in the country.			
Literature: 1. Mudrinić Č., 1997: Ležišta mineralnih sirovina. Rudarsko-geološki fakultet. Beograd 2. Janković, S.R., 1990: Rudna ležišta Srbije: regionalni metalogenetski položaj, sredine stvaranja i tipovi ležišta. RGF, Beograd. 3. Genčić, B., 1977: Osnovi eksploatacije mineralnih ležišta. RGF, Beograd 4. Jones, W.R., 1955: Minerals in Hndustry. Pelican Books. Stow, D., 2005: Sedimentary rocks in the Field: A Color Guide. Academic Press. 5. Marker, B.R., Petterson, M.G., McEvoy, F., Stephenson, M.H. (eds.), 2005: Sustainable Minerals Operations in the Developing World: Special Publication No. 250. Geological Society Publishing House.			
Weekly teaching load: 4 (60)	Lecture: 2	Exercises: 2	
Methods of Teaching: Lectures, Illustration and Demonstration, Practical work, Fieldwork			
Knowledge score (maximum 100 points)			
Pre-examination assignments	points	Final examination	points
Activities during lectures	0-5	Written examination	
Practical skills	0-5	Oral examination	30-45
Colloquia	20-40	
Seminar paper	0-5		