Study programme: Bachelor with honours in Geography Teaching, Bachelor with honours in Geography Course title: Geomorphology

Teacher(s): dr Slobodan B. Marković, dr Mlađen Jovanović

Status: compulsory

ECTS: 8

Requirements: none

Learning objectives

Introduction to basic principles of geomorphology, the formation and evolution of various types of relief - tectonic and erosional. Understanding the causal link between endogenous and exogenous geomorphological processes.

Learning outcomes

Students will acquire basic theoretical knowledge of the genesis and evolution of different morphological forms of relief. Based on the acquired knowledge, they will have a clear picture of endogenous and exogenous processes and relief forms. The adoption of practical skills and knowledge through the analysis of geomorphological map and its interpretation.

Syllabus

| Syllabus | | | | |
|---|---------------------|---------------------|------------------------|----------------|
| Theoretical part: | | | | |
| Subject, goal, task | | | | |
| History of Geomorphology | | | | |
| Tectonic geomorphology | | | | |
| -Endogenous forces | | | | |
| - Plate tectonics | | | | |
| - Ocean basins relief | | | | |
| - Relief of active and pasive continental m | argins | | | |
| Dynamic Geomorphology | | | | |
| - Eluvial process | | | | |
| - Slope process and landforms | | | | |
| - Fluvial process and landforms | | | | |
| - Carstic process and landforms | | | | |
| - Glacial process and landforms | | | | |
| Periglacial process and landforms | | | | |
| - Aeolian process and landforms | | | | |
| - Coastal process and landforms | | | | |
| Practical part: | | | | |
| Analysis of the geomorphological map, the | e application of ge | comorphology mai | p. drawing syntethic o | crosssections. |
| Literature | 11 8 | 1 65 1 | | |
| Hugget, R.J. 2011. Fundamentals of Geor | norphology. Routl | edge | | |
| Ritter, D.F. 2006. Process Geomorphology | y. Waveland Press | , Long Grove, Illii | nois. | |
| Tectonic aspects of the Alpine-Dinaride-C | | | | |
| Weekly teaching load 6 (90) | Lectures 4 | | Exercises 2 | |
| Methods of Teaching | | | | |
| Frontal teaching, dialogue, illustrative, der | monstrative, semir | ar paper | | |
| Grading method (maximu 100 points) | | | | |
| Pre-examination assignments | points | Final examina | ation | points |
| Activities during lectures | 0-5 | Written examination | | |
| Activities during exercises | 0-5 | Oral examination | | 30-45 |
| Colloquia | 20-40 | | | |
| Seminar paper | 0-5 | | | |