



Univerza v Mariboru

Fakulteta za naravoslovje
in matematiko

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Geomorfologija
Course title:	Geomorphology

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Ekologija z naravovarstvom, 1. stopnja		2	zimski
Ecology with nature protection, 1st degree			

Vrsta predmeta / Course type

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15	15			15	135	180/6

Nosilec predmeta / Lecturer:

Jeziki / Languages:	Predavanja / Lectures:	Slovenski /Slovenian
	Vaje / Tutorial:	Slovenski /Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites:
<input type="text" value="-Jih ni"/>	<input type="text" value="-No"/>

Vsebina:	Content (Syllabus outline):
<ol style="list-style-type: none">1. Geomorfologija - uvod2. Planet Zemlja v luči geomorfologije3. Tektonska geomorfologija4. Erozijska geomorfologija5. Funkcijska geomorfologija	<ol style="list-style-type: none">1. Geomorphology – introduction.2. Planet Earth in context of geomorphology.3. Tectonic geomorphology.4. Erosion geomorphology.5. Functional geomorphology.

Temeljni literatura in viri / Readings:

- Zapiski s predavanj, vaj in terenskega dela
- Bierman P.R., Montgomery D.R., 2014, Key Concepts in Geomorphology, Freeman, New York.
- Huggett R.J., 2017, Fundamentals of Geomorphology, 4th edition, Routledge, New York.
- Vsako študijsko leto bo seznam študijske literature posodobljen./The list of study literature will be updated each school year.

Cilji in kompetence:

Študentje pridobivajo znanja o reliefu kot elementu pokrajine, o geomorfoloških procesih in pojavih na Zemljinem površju. Spoznavajo reliefne oblike na Zemljinem površju, njihovo razširjenost, vzroke in procese nastanka ter njihov vpliv na druge geografske dejavnike. Študenti se usposablajo za vrednotenje reliefa za človekove dejavnosti. Študentje spoznavajo pomen geološke zgradbe in procesov v Zemljini notranjosti za relief, spoznajo glavne tipe kamnin in razvoj zemeljskega površja v geoloških dobah. Pri vajah se seznanijo z metodami geomorfološke analize zemeljskega površja in z metodami vrednotenja reliefa. Na terenskih vajah spoznajo metode geomorfološke analize (inklinacija, ekspozicija, relativna višina) na konkretnih primerih geomorfoloških oblik in tipov reliefa ter glavne recentne geomorfološke procese.

Objectives and competences:

Students acquire the knowledge about relief as an landscape element, and geomorphological phenomena and processes on the Earth surface. They learn about geomorphological forms on the Earth surface, their distribution, causes and processes of their origin, and their impact on other geographic factors. Students learn about importance of the relief for human activities. They get knowledge of the impact of geological structure of the Earth on relief, of main rock types, and evolution of the Earth surface in the geological past. In practicum, they learn about methods of geomorphological analysis (inclination, exposition, relative height etc.) on case studies of geomorphological structures and relief types, as well as the principal recent geomorphological processes.

Predvideni študijski rezultati:

Znanje in razumevanje:

- Študentje so sposobni razložiti vzroke in posledice geomorfoloških procesov v pokrajini.

Prenesljive/ključne spretnosti in drugi atributi:

- Študentje so sposobni opraviti vrednotenje reliefa za človeške dejavnosti v pokrajini.

Intended learning outcomes:

Knowledge and Understanding:

- Students are able to explain reasons and results of geomorphological processes.

Transferable/Key Skills and other attributes:

- Students are able to make an evaluation of some geomorphological elements for human activities.

Metode poučevanja in učenja:

- Predavanja
- Seminar
- Terenske vaje

Learning and teaching methods:

- Lectures
- Seminar
- Field work

Načini ocenjevanja:	Delež (v %) / Weight (in %)	Assessment:
<ul style="list-style-type: none"> • Seminarska vaja - pisna • Pisni Izpit 	40 60	<ul style="list-style-type: none"> • Theoretical exercises - written • Written examination

Reference nosilca / Lecturer's references:

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|---|
| <ul style="list-style-type: none"> – Izbrane naravnogeografske značilnosti občine Radlje ob Dravi = Selected physical geographical characteristics of Radlje ob Dravi Municipality. <i>Revija za geografijo</i>, 2011, 6, št. 1, str. 47-60 – Naravnogeografske determinante razvoja Maribora s posebnim ozirom na reko Dravo. Natural geographical determinants of development Maribor with particular reference to the Drava River, <i>Ekonomika i ekohistorija</i>, Vol VII, št.7. |
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