	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	**Sonaravna raba naravnih virov**
Course title	**Sustainable Use of Natural Resources**

Študijski program in stopnja Study programme and level	**Študijska smer Study field**	**Letnik Academic year**	**Semester Semester**
Poslovna ekonomija in upravljanje	Upravljanje z okoljem	1.	2.
Business Economics and Management	Environmental Management	1st	2nd

Vrsta predmeta/Course type	temeljni predmet smeri / fundamental subject in study field

Univerzitetna koda predmeta/University course code	3_PEU_TPS_UN2_UO

Predavanja Lectures	**Seminar Seminar**	**Sem. vaje Tutorial**	**Lab. vaje Laboratory work**	**Teren. vaje Field work**	**Samost. delo Individ. work**	**ECTS**
20	10				420	15

Nosilec predmeta/Lecturer:	prof. dr. Peter Novak

Jeziki/ Languages:	**Predavanja/Lectures:**	slovenski/Slovenian
	Vaje/Tutorial:	slovenski/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisites:**
• Pogoj za vključitev v delo je vpis v prvi letnik študijskega programa. • Študent mora pred izpitom pripraviti in predstaviti raziskovalno nalogo.	• The condition for inclusion is entry in the first year of study. • Student has to prepare, present and defend a research paper before the exam.

Vsebina:	**Content (Syllabus outline):**
• *Uvod* (kaj je sonaravna raba, splošni pregled vseh naravnih virov, sedanja raba, okoljske posledice). • *Neobnovljivi naravni viri* (pregled, zaloge, načini pridobivanja, načini uporabe, pomen za razvoj družbe, posledice za okolje). • *Obnovljivi - biogeni - viri na Zemlji* (pregled, razpoložljivost, načini uporabe, pomen za razvoj družbe, posledice za okolje). • *Sonaravne tehnologije za uporabo obnovljivih virov* (tehnologije za	• *Introduction* (definition of sustainability, general overview of natural resources, present use, environmental consequences) . • *Nonrenewable natural resources* (overview, stocks, principles of extraction, use, importance for society development, environmental consequences). • *Renewable –biogenic - resources on the Earth* (overview, availability, way of use, importance for society

pridobivanje in uporabo surovin, hrane, energije). • *Okolju neprijazne tehnologije (nesonaravne) za uporabo obnovljivih virov* (pregled, ekonomski vidiki njihove uporabe, okoljske posledice). • *Rast prebivalstva, biodiverziteta in naravni viri* (pregled, pritiski na okolje in posamezne ekosisteme, možne rešitve)	development, environmental consequences)). • *Unsustainable technologies for use of renewable resources (*overview, their use economics, environmental consequences). • *Population growth, biodiversity and natural resources* (overview, environmental and ecological pressures, possible solutions).

Temeljna literatura in viri/Readings:

- Graham Park: Introducing Natural Resources, https://www.questia.com/searchglobal#!/?publisher=Dunedin%20Academic, 2016, str. 129.
- Daniel Lederman, William F. Maloney (2007). Natural Resources, Neither Curse nor Destiny, World bank, Washington DC, str. 389.

Priporočljiva literatura/Recommended literature

- Alfred Greiner; Willi Semmler: Global Environment –natural resources and economic; https://www.questia.com/library/120078973/the-global-environment-natural-resources-and-economic.
- David Elcome: Natural resources their use and abuse, Cheltenham Stanley Thornes 1998, str. 89.

Cilji in kompetence:	**Objectives and competences:**
Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc: • zavezanost profesionalni etiki, • celovito kritično mišljenje, sposobnost analize, sinteze in predvidevanje rešitev s področja okoljskih, naravoslovnih, ekoloških, pravnih, inovacijskih, ekonomskih in poslovnih ved ter njihovo interdisciplinarno povezovanje in uporabo, • poznavanje in uporabo raziskovalne metodologije (metod, postopkov, procesov in tehnologije), • avtonomnost in odgovornost pri odločanju, • usposobljenost za predstavljanje pridobljenega znanja in raziskovalnih dognanj na domačih in tujih znanstvenih konferencah ter znanstvenih revijah in v mednarodnem raziskovalnem okolju,	*The learning unit mainly contributes to the development of the following general and specific competences:* • commitment to professional ethics, • comprehensive critical thinking, ability to analyze, synthesize and anticipate solutions in the field of environmental, natural, ecological, legal, innovative, economic and business sciences and their interdisciplinary integration and application, • knowledge and application of research methodology (methods, procedures, processes and technology), • autonomy and responsibility in decision-making, • ability to present the acquired knowledge and research findings at domestic and foreign scientific conferences and scientific journals and in the international research environment,

• sposobnost za reševanje poslovnih problemov z uporabo znanstvenih metod in postopkov, • usposobljenost za strateško vodenje, upravljanje in razvoj najzahtevnejših delovnih sistemov za upravljanje z okoljem po sodobnih organizacijsko-ekonomskih načelih, • usposobljenost za evalvacijo kvalitete dela in dosežkov, • usposobljenost za prepoznavanje vplivov tehnološkega razvoja na varstvo okolja, • usposobljenost za aktivno sodelovanje na znanstvenih konferencah, raziskovalnih delavnicah, doktorskih in znanstvenih seminarjih s področja upravljanja z okoljem.	• ability to solve business problems using scientific methods and procedures, • ability for strategic management, administration and development of the most demanding working systems for environmental management according to modern organizational and economic principles, • ability to evaluate the quality of work and achievements, • ability to identify the impacts of technological development on environmental protection, • ability to actively participate in scientific conferences, research workshops, doctoral and scientific seminars in the field of environmental management.

Predvideni študijski rezultati:	**Intended learning outcomes:**
Študent/študentka: • pozna osnove sonaravne uporabe naravnih virov, • razume pomen sonaravne uporabe naravnih virov, • se usposobi za samostojno in kritično presojo stanja, samostojno analizo pravilne uporabe naravnih virov in pridobi sposobnost predvidevanja posledic sprejetih odločitev.	*Students:* • know the importance of sustainable use of natural resources, • recognise the importance os sustainable use of natural resources, • develop skills for self-standing critical judgment od sustainable use of natural resources and possess ability to foreseeing possible consequences.

Metode poučevanja in učenja:	**Learning and teaching methods:**
• predavanja z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • projektni seminar, • individualne in skupinske konsultacije (diskusija, dodatna razlaga, obravnava specifičnih vprašanj), • oblikovanje portfolija in samostojen študij (motiviranje, usmerjanje, samoopazovanje, samouravnavanje, refleksija, samoocenjevanje).	• lectures with active student participation (explanation, discussion, questions, examples, problem solving, field trip), • project work seminar, • individual and group consultations (discussion, further explanation, addressing specific issues), • designing a portfolio and independent study (motivating, directing, self-observation, self-regulation, reflection, self-assessment).

Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
Načini: • izpit • temeljna/aplikativna raziskovalna naloga z zagovorom (obseg najmanj 30.000 znakov) Ocenjevalna lestvica: uspešno, neuspešno.	 60 % 40 %	Types: • exam • basic/applied research assignment with defence (at least 30,000 characters) Grading scheme: successful, unsuccessful.