

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Perspektive tehnološkega in ekološkega razvoja
Course title	Perspectives on Technological and Ecological Development

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Poslovna ekonomija in upravljanje	Poslovna ekonomija	2.	3.
Business Economics and Management	Business Economics	2 nd	3 rd

Vrsta predmeta/Course type izbirni / elective

Univerzitetna koda predmeta/University course code 3_PEU_IP_UN6_PE

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15	10				425	15

Nosilec predmeta/Lecturer: prof. dr. Simon Muhič

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

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti: **Prerequisites:**

<ul style="list-style-type: none"> • Pogoj za vključitev v delo je vpis v drugi letnik študijskega programa. • Študent mora pred izpitom pripraviti in predstaviti raziskovalno nalogo. 	<ul style="list-style-type: none"> • The condition for inclusion is entry in the second year of study. • Student has to prepare, present and defend a research paper before the exam.
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Vsebina: **Content (Syllabus outline):**

<ul style="list-style-type: none"> • Planet Zemlja v osončju. • Okolje in človek. • Biosfera in njene lastnosti. • Meje sonaravne rasti. • Rast prebivalstva in okoljsko ravnotežje. • Energija in okolje. • Problem globalnega segrevanja. • Kakovost življenja in sonaravni razvoj. 	<ul style="list-style-type: none"> • The planet Earth in the solar system. • The environment and man. • The biosphere and its properties. • Limits of sustainable growth. • Population growth and environmental balance. • Energy and the environment. • The problem of the global warming. • Quality of life and sustainable development.
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Temeljna literatura in viri/Readings:

Our common future (1987), World Commission on Environment and Development. Oxford: New York : Oxford University Press.

The Limits to Growth. Report for the Club of Rome's project on the predicament of mankind (1972). Meadows, Donella H., Meadows, Dennis L., Randers, Jørgen, Behrens, William W., III, Potomac Associates..

Prosperity without growth (2009). Jackson, Tim. sustainable Economics Commission.

Medved, S., Novak, P. (2009): Varstvo okolja in obnovljivi viri energije, Ljubljana: FS.

Tehniška termodinamika (2016). Muhič, Simon in Blagojević, Bogdan, Novo mesto : Fakulteta za tehnologije in sisteme, ISBN - 978-961-6770-34-7

Prenos toplote in snovi v stavbah (2017). Muhič, Simon, Novo mesto : Fakulteta za tehnologije in sisteme, ISBN - 978-961-6770-38-5

Cilji in kompetence:

Objectives and competences:

<p><i>Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:</i></p> <ul style="list-style-type: none"> • celovito kritično mišljenje, sposobnost analize, sinteze in predvidevanja rešitev s področja ekonomskih, poslovnih, upravnih, organizacijskih in drugih ved (interdisciplinarnost), • sposobnost kreativne uporabe znanja v poslovnem okolju, • usposobljenost za predstavljanje pridobljenega znanja in raziskovalnih dognanj na domačih in tujih znanstvenih konferencah in v mednarodnem raziskovalnem okolju, • sposobnost za reševanje poslovnih problemov z uporabo znanstvenih metod in postopkov, • usposobljenost za prepoznavanje vplivov tehnološkega razvoja na varstvo okolja, • sposobnost za samostojno načrtovanje in izvedbo raziskovalnega dela, analizo in interpretacijo podatkov, oblikovanje in utemeljitev mnenj, stališč in predlogov ter pripravo raziskovalnega poročila, • usposobljenost za aktivno sodelovanje na znanstvenih konferencah, raziskovalnih delavnicah, doktorskih in znanstvenih seminarjih s področja ekonomskih in poslovnih ved. 	<p><i>The learning unit mainly contributes to the development of the following general and specific competences:</i></p> <ul style="list-style-type: none"> • comprehensive critical thinking, the competence for analysis, synthesis and anticipating solutions in the field of economic, business, management, organizational and other sciences (interdisciplinary), • the ability of creative use of the gained knowledge in the business environment, • qualifications for representing the acquired knowledge and research findings on domestic and foreign scientific conferences and in the international research environment, • ability to use the most contemporary quantitative and qualitative research methods in business economics, • the ability to recognize the impacts of technological development to environment safety, • the ability for independent planning and implementation of the research work, analysis and interpretation of data, formation and argumentation of opinions, views and proposals and preparation of the research reports, • competence for active participation in scientific conferences, research workshops and doctoral and scientific seminars in the field of economic and business sciences.
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Predvideni študijski rezultati:

Intended learning outcomes:

<p><i>Študent/Študentka:</i></p> <ul style="list-style-type: none"> • poznavanje človekovih vplivov na 	<p><i>Students obtain:</i></p> <ul style="list-style-type: none"> • knowledge of human impacts on the
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<p>okolje,</p> <ul style="list-style-type: none"> • sposobnost ocenjevanja vplivov na okolje, • usposobljenost za poglobljeno analizo vplivov človeka na stabilnost planetove ekosfere, • usposobljenost upravljanja z okoljem, kot dinamičnega sistema, ki se dolgoročno prilagaja spremembam. 	<p>environment,</p> <ul style="list-style-type: none"> • the ability of evaluation of the impact on the environment, • capacity for in-depth analysis of the human influence on the stability of the planet's ecosphere, • environmental management as a dynamic system that adapts to the change in the long term.
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Metode poučevanja in učenja:

Learning and teaching methods:

<p>Predavanja, raziskovalno delo, diskusijski klub slušateljev. V kritičnem dialogu kandidati izrazijo svoje refleksije o aktualnih problemih, ki jih obravnava predmet.</p>	<p>Lectures, research work, discussion club. In a critical dialogue the candidates express their reflections on the actual problems, dealt with in the course.</p>
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Načini ocenjevanja:

Delež (v %)
Weight (in %)

Assessment:

<p>Načini:</p> <ul style="list-style-type: none"> • temeljna ali aplikativna raziskovalna naloga z zagovorom (obseg 30.000 znakov). <p>Ocenjevalna lestvica: uspešno, neuspešno.</p>	<p>100 %</p>	<p>Types:</p> <ul style="list-style-type: none"> • fundamental or applicative research paper with defence (30,000 characters). <p>Grading scheme: successful, unsuccessful.</p>
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