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| | UČNI NAČRT PREDMETA/COURSE SYLLABUS |
| Predmet | Okolje in zdravje ljudi |
| Course title | Environment and Health |

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

Vrsta predmeta/Course type izbirni / elective

Univerzitetna koda predmeta/University course code 3_PEU_IP_UN3_UO

| 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: doc. dr. Aleksandar Šobot
Učni načrt pripravil prof. dr. Ivan Eržen

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

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

| Vsebina: | Content (Syllabus outline): |
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| <p>V okviru predmeta OKOLJE IN ZDRAVJE LJUDI bodo študenti spoznali zgodovinski razvoj ter pomen in vpliv družbenega okolja za razvoj tega področja.</p> <p>Predstavljen bo pomen medsebojnega ravnovesja med okoljem, osebami in posameznimi dejavniki, ki vplivajo na zdravje. Seznanili se bodo z različnimi adaptacijskimi mehanizmi. V okviru predmeta bodo prikazni najpomembnejši dejavniki delovnega in bivalnega okolja.</p> | <p>Within the ENVIRONMENT AND HEALTH- course a student will introduce historical development of the discipline. The interrelationship between environment, individuals and risk factors will be presented. Special emphasis will be given to different levels of adaptation. Main risk factors in living and working environment will be presented as well.</p> <p>A special emphasis will be on the presentation of the study of the effects of environmental factors on health through</p> |

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| <p>Poseben poudarek bo na prikazu proučevanja vplivov dejavnikov okolja na zdravje s pomočjo epidemioloških raziskav.</p> <p>Spoznali bodo nekatere primere škodljivega delovanja dejavnikov delovnega in bivalnega okolja na zdravje.</p> <p>Seznani se bodo s temeljnimi načini ukrepanja na področju zmanjševanja delovanja škodljivih dejavnikov v delovnem in bivalnem okolju ter načine s katerimi je mogoče zmanjšati ogroženost zdravja zaradi dejavnikov okolja.</p> | <p>epidemiological research. Students will deal with different case studies where the health impairment was caused by exposure to hazardous factors in environment.</p> <p>Students will become aware of importance of introduction of effective measures for ensuring healthy life style and work environment. The students will get an overview of basic measures that can help to reduce harmful exposures to living and working environment.</p> |
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Temeljna literatura in viri/Readings:

Temeljna literatura/Basic literature

Eržen, I, Gajšek, P, Hlastan-Ribič, C, Kukec, A, Poljšak, B, Zaletel-Kragelj, L. (2010). Zdravje in okolje: izbrana poglavja. 1. izd. Maribor: Medicinska fakulteta.

Priporočljiva literatura/Recommended literature

Yassi, A. et al. (2001). Basic Environmental Health. Oxford University Press. Spletna stran: <http://themes.eea.eu.int/>
<http://www.epa.gov/epahome/resource.htm>

Cilji in kompetence:

Učna enota prispeva predvsem k razvoju naslednjih splošnih in specifičnih kompetenc:

Študentke in študenti bodo poznali vplive širšega in ožjega bivalnega okolja ter delovnega okolja na človekovo zdravje, bodisi v dobrem-pozitivnem, bodisi v slabem-negativnem smislu.

Cilj predmeta je približati razumevanje pomena zagotavljanja osnovnih predpogojev za zdravo življenjsko in delovno okolje. Študenti bodo spoznali raziskovalno metodologij na področju okolja in zdravja. Sposobni bodo kritične presoje omejitev, povezanih z raziskovanjem in implementacijo posameznih ukrepov na področju sanacije razmer v okolju.

Objectives and competences:

The learning unit mainly contributes to the development of the following general and specific competences:

Students should know the importance and influence of living and work environment to the health of an individual.

The specific objective is to help students to understand the importance of ensuring all basic requirements for healthy living and work environment. Students will learn about different research methodologies in the field of environment and health. They will be able to critically assess the limitations associated with the research and implementation of individual measures in the field of environmental remediation.

| Predvideni študijski rezultati: | Intended learning outcomes: |
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| <p>Študenti/študentke bodo:</p> <ul style="list-style-type: none"> • s pridobljenim znanjem in veščinami lahko sodelovali pri ugotavljanju razširjenosti zdravstvenih problemov in stanj, povezanih z negativnimi dejavniki v delovnem in bivalnem okolju ter pri proučevanju vzroke zanje, iskanju ukrepov za obvladovanje posledic ter pri ocenjevanju učinkovitost teh ukrepov, • usposobljeni za interdisciplinarni pristop, načrtovanje in celovito obvladovanje procesov na področju zagotavljanja zdravega delovnega in bivalnega okolja, • usposobljeni za pridobivanje informacij na področju okoljske medicine in medicine dela s pomočjo spleta, literature in drugih virov podatkov in informacij ter za timsko delo. | <p>Students will:</p> <ul style="list-style-type: none"> • be able to recognize and understand approaches and problems in conducting assessment of public health problems arising due to exposure to negative risk factors in working and living environment, • be able to work in a multidisciplinary team in the planning process and conducting a comprehensive process for ensuring healthy work and living environment, capable for gathering data and information in the field of environmental and occupational medicine from the web and different other credible sources. |

| Metode poučevanja in učenja: | Learning and teaching methods: |
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| <ul style="list-style-type: none"> • predavanja z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • projektni seminar, • individualne in skupinske konzultacije (diskusija, dodatna razlaga, obravnava specifičnih vprašanj), • usmerjanje, samoopazovanje, samouravnavanje, refleksija, samoocenjevanje. | <ul style="list-style-type: none"> • 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), • directing, self-observation, self-regulation, reflection, self-assessment. |

| Načini ocenjevanja: | Delež (v %) Weight (in %) | Assessment: |
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| <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> | 100 % | <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> |