

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

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Integrirana zdravstvena in socialna oskrba/2. stopnja	Ni smeri študija	2. letnik	3.
Nursing Care / 2 nd Cycle		2 nd year	3 rd

Vrsta predmeta/Course type modularni /module

Univerzitetna koda predmeta/University course code IZSO IP UN 4

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15	30				105	5

Nosilec predmeta/Lecturer: doc. dr. Vladka Lešer

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

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites:
Vpis v drugi letnik študijskega programa.	A prerequisite for inclusion is enrolment in the second year of study.

Vsebina:	Content (Syllabus outline):
<ul style="list-style-type: none"> • Zdravstvena ekologija. Opredelitev. Zgodovina. • Determinante zdravja naravnega okolja. • Okoljske politike. • Osnove ekologije. • Metode dela v okoljski epidemiologiji. • Osnove toksikologije. • Ocenjevanje in obvladovanje tveganja. • Okoljsko zdravje na globalnem nivoju. Rast prebivalstva. Podnebne spremembe. Razvijajoče se države. 	<ul style="list-style-type: none"> • Health Ecology. Definition. History. • Health determinants of the natural environment. • Environmental policies. • Basics of ecology. • Methods of working in environmental epidemiology. • Basics of toxicology. • Risk assessment and management. • Environmental Health at the global level. Population growth. Climate change. Developing countries.

<ul style="list-style-type: none"> • <i>Okoljsko zdravje na regionalnem nivoju.</i> Onesnaževanje ozračja, pridobivanje energije, zdrave soseske, pitna voda. • <i>Okoljsko zdravje na lokalnem nivoju.</i> Komunalni in nevarni odpadki. Nadzor nad škodljivci in pesticidi. Varnost hrane. Varna delovna mesta. Sevanja. Poškodbe. Okoljske nesreče. Stik z naravo. Otroci. 	<ul style="list-style-type: none"> • <i>Environmental Health at the regional level.</i> Atmospheric pollution. Energy generation. Healthy neighborhoods. Drinking water. • <i>Environmental Health at the local level.</i> Municipal and hazardous waste. Management pest control and pesticides. Food security. Safe jobs. Radiation damage. Environmental incidents. Contact with nature. Children.
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Temeljna literatura in viri/Readings:

Temeljna literatura/Basic literature

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

Priporočljiva literatura/Recommended literature

- Frumkin, H. (ur.). (2010). *Environmental health: from global to local*. 2nd. ed. San Francisco: Jossey-Bass.
- Prüss-Ustün, A., Wolf, J., Corvalán, C., Bos, R. in Neira, M. (2016). *Preventing disease through healthy environments: A global assesment of the burden of disease from environmental risks*. France: World Health Organisation. Pridobljeno 10. 7. 2016, s http://apps.who.int/iris/bitstream/10665/204585/1/9789241565196_eng.pdf?ua=1.
- Puntarić, D., Miškulin, M. in Bošnjir, J. (2012). *Zdravstvena ekologija*. Zagreb: Medicinska naklada.
- Aktualni članki, ki obravnavajo zdravstveno ekološke probleme

Cilji in kompetence:

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

- povezovanje znanja interdisciplinarnih strokovnih področij, usvajanje novega znanja na področju holistične in k pacientu usmerjene zdravstvene in socialne oskrbe,
- sposobnost celovitega kritičnega mišljenja, prepoznavanje problemov, sposobnost analize in razumevanja procesov reševanja ter predvidevanja rešitev oziroma posledic in avtonomnega odločanja,
- ozaveščenost o nujnosti lastnega izpopolnjevanja, dopolnjevanja, poglobljanja in posodabljanja znanja ter skrb za informiranost,
- usposobljenost za izbiro in uporabo ustreznih kvalitativnih in kvantitativnih

Objectives and competences:

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

- integrate knowledge of interdisciplinary fields of expertise, the acquisition of new knowledge in the field of holistic and patient-oriented health and social care,
- the ability to comprehensive critical thinking, problem recognition, the ability to analyze and understand the processes of solving and foresight solution or consequences and autonomous decision-making,
- awareness of the necessity of their own training, supplementation, deepening and upgrading of knowledge and concern for informed,

<p>raziskovalnih metod ter interpretiranje in kritično vrednotenje izsledkov kvalitativnih in kvantitativnih raziskav,</p> <ul style="list-style-type: none"> • obvladovanje raziskovalnih metod, postopkov, procesov in tehnologij, ter usposobljenost za prezentacijo in implementacijo raziskovalnih dokazov, • usposobljenost za raziskovalno delo in aktivno sodelovanje v aplikativnih raziskovalnih projektih, • usposobljenost za prepoznavanje in opredelitev aktualnih in potencialnih problemov ter obvladovanje mehanizmov reševanja. 	<ul style="list-style-type: none"> • qualifications for the selection and use of appropriate qualitative and quantitative research methods and interpretation and critical evaluation of the results of qualitative and quantitative research, • mastering research methods, procedures, processes and technologies, and the qualifications for the presentation and implementation of research evidence, • ability to research and actively participate in applied research projects, • ability to identify and define current and potential problems and coping mechanisms to solve.
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Predvideni študijski rezultati:

Intended learning outcomes:

<p>Študent/študentka:</p> <ul style="list-style-type: none"> • Pozna poslanstva zdravstvene ekologije in njen zgodovinski razvoj. • Pozna dejavnike iz okolja, ki vplivajo na zdravje človeka ter razume njihovo medsebojnega delovanje. • Pozna sodobne okoljske probleme na globalnem, regionalnem in lokalnem nivoju. • Pozna osnovne metode dela v zdravstveni ekologiji. • Se usposobi za sodelovanje pri izdelavi ocene tveganja in pri njeni uporabi. • Se usposobi za reševanje posameznih zdravstvenih problemov povezanih z onesnaženostjo okolja in drugih okoljskih problemov. 	<p>Students:</p> <ul style="list-style-type: none"> • Knows mission of environmental health and its historical development. • Knows the environmental factors that affect human health and understand their interaction. • Late contemporary environmental issues at the global, regional and local level. • Is familiar with the basic methods of work in environmental health. • Be able to participate in making a risk assessment and in its application. • Be able to solve specific health problems associated with pollution and other environmental problems.
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Metode poučevanja in učenja:

Learning and teaching methods:

<ul style="list-style-type: none"> • <i>predavanja</i> z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov), • <i>vaje</i>: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge (reševanje problemov, študije primera, kritično presojanje, diskusija, refleksija izkušenj, vrednotenje, projektno delo, timsko delo). 	<ul style="list-style-type: none"> • <i>lectures</i> with active student participation (explanation, discussion, questions, examples, problem solving); • <i>tutorial</i>: preparation, presentation and a successful defence of a project paper (problem solving, case studies with discussion, methods of critical thinking, reflection of experience, evaluating, project work, team work).
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Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
<p>Način:</p> <ul style="list-style-type: none"> • 100% udeležba na predavanjih in vajah: priprava, predstavitev in zagovor raziskovalne naloge – 100 % ocene; • če študent ni 100 % udeležen na predavanjih in vajah: <ul style="list-style-type: none"> - izpit – 60 % ocene, - priprava, predstavitev in zagovor raziskovalne naloge – 40 % ocene. <p>Ocenjevalna lestvica: ECTS.</p>	<p>100%</p> <p>ali</p> <p>60 %</p> <p>40 %</p>	<p>Types:</p> <ul style="list-style-type: none"> • 100% attendance at lectures and tutorials: preparation, presentation and defence of project paper - 100% of the grade; • If the student is not 100% involved at lectures and tutorials: <ul style="list-style-type: none"> - exam – 60 % of the grade, - the preparation, presentation and defense of the project paper - 40% of the grade. <p>Assessment scale: ECTS.</p>