

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Epidemiologija
Course title	<i>Epidemiology</i>

Študijski program in stopnja Study programme and level	Študijska smer Study field	Letnik Academic year	Semester Semester
Vzgoja in menedžment v zdravstvu/2. stopnja	Ni smeri študija	I. letnik	2.
<i>Education and Management in Health Care / 2nd Cycle</i>	No study field	1 st year	2 nd

Vrsta predmeta/Course type

obvezni/obligatory

Univerzitetna koda predmeta/University course code

VMZ I UN 7

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
15		30			165	7

Nosilec predmeta/Lecturer:

izr. prof. dr. Alenka Kraigher

Jeziki/
Languages:

Predavanja/Lectures:

slovenski/Slovenian

Vaje/Tutorial:

slovenski/Slovenian

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

Prerequisites:

Vpis v prvi letnik študijskega programa.

The prerequisite for inclusion is enrolment in the first year of study.

Vsebina:

Content (Syllabus outline):

- Epidemiologija kot temeljna in aplikativna veda.
- Izvor podatkov in uporaba v epidemiologiji: demografski podatki, registri, sistemi prijavljanje, presejanje, študije in drugi viri podatkov.
- Tipične vrste preučevanj v okviru deskriptivne in analitične epidemiologije.

- Epidemiology as a basic and applied science.
- The origin of the data and application in epidemiology: demographic information, registers, notification systems, screening, studies and other data resources.
- Typical types of study within the framework of descriptive and analytic epidemiology.

<ul style="list-style-type: none"> • Epidemiološko pomembne nalezljive bolezni in značilnosti povzročiteljev nalezljivih bolezni. • Epidemiologija nalezljivih bolezni z vidika poti širjenja, virov okužbe, agensa, dovzetnosti gostitelja. • Opredelitev pojmov: kopičenje, izbruh, epidemija, pandemija nalezljivih bolezni. • Mednarodni sistemi obveščanja in odzivanja. • Seznanitev s splošnimi in posebnimi preventivnimi in protiepidemijskimi ukrepi in zdravstvenovzgojnimi pristopi. 	<ul style="list-style-type: none"> • Epidemiologically important infectious diseases and characteristics of the pathogens of infectious diseases. • Epidemiology of infectious diseases from the perspective of the spread of infection path, sources of infection, agent, the susceptibility of the host. • Definitions: accumulation, outbreak, an epidemic, a pandemic of infectious diseases. • International notification, warning and response systems. • Familiarisation with general and specific preventive and anti-epidemic and health-educational approaches.
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Temeljna literatura in viri/Readings:

Temeljna literatura

- Premik, M. (1998). Uvod v epidemiologijo. Ljubljana: Medicinska fakulteta.
- Beaglehole, R., Bonita, R., Kjellstrom, T. (1994). Basic Epidemiology. WHO.
- Detels, R., Beaglehole, R., Tanaka, H. (eds.) (2002). Oxford Textbook of Public Health, The Practice of Public Health. Oxford: University Press.
- Marolt, G. M., Radšel, M. A. (1992). Infekcijske bolezni. Ljubljana: Tangram., 2008
- Chin, J. (ed.) (2000). Control of Communicable Diseases Manual. American Public

Cilji in kompetence:

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

- razumevanje osnov epidemiologije oziroma uporabe epidemioloških metod in uporaba osnovnega znanja o epidemioloških značilnostih nalezljivih bolezni ter obvladovanje problemov, pomembnih za javno zdravje,
- usposobljenost za iskanje in uporabo znanstvenih spoznanj stroke in prepoznavanje ključnih vprašanj ter identificiranje možnih odgovorov,
- usposobljenost za odločanje, podprto z znanstvenimi dokazi in usposobljenost za uporabo teoretičnih spoznanj v praksi,
- motiviranost za nenehno pridobivanje novega znanja na področju, kjer so spremembe hitre in nepričakovane,

Objectives and competences:

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

- understanding the basics of epidemiology or the application of epidemiological methods, and using the basic knowledge of the epidemiological characteristics of infectious diseases as well as managing problems important for public health,
- the ability to search and use the scientific finding of the expertise, to identify key issues and possible solutions,
- being qualified for decision-making, supported by scientific evidence and the competence to use theoretical knowledge in practice,

<ul style="list-style-type: none"> • sposobnost pridobljeno znanje uporabiti na drugih področjih in prilagoditi se sodelovanju v interdisciplinarnih skupinah, • usposobljenost za samostojen študij, razumevanje in oblikovanje zdravstvenovzgojnih pristopov za reševanje problemov s področja izbranih nalezljivih bolezni. 	<ul style="list-style-type: none"> • motivation to continually gain new knowledge in the field, where changes are rapid and unexpected, • the ability to apply the gained knowledge to other areas and to adapt to participation in interdisciplinary groups, • being qualified for independent study, understanding, and designing health-education approaches to solve issues in the area of selected infectious diseases.
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Predvideni študijski rezultati:

Intended learning outcomes:

<p>Student/šudentka:</p> <ul style="list-style-type: none"> • razume pomen epidemiologije, • se usposobi za pravilno vrednotenje podatkov, s katerimi razpolagajo, • se seznanj s posebnostmi področja epidemiologije nalezljivih bolezni, • osvoji možne načine prenosa, poti širjenja in posledice izbranih nalezljivih bolezni z vidika oblikovanja zdravstvenovzgojnih aktivnosti, • osvoji pomen determinant nalezljivih bolezni, • se seznanj z obravnavo izbruha, posameznega primera in kopičenja skupka izbranih nalezljivih bolezni. 	<p>Knowledge and understanding:</p> <p>Students:</p> <ul style="list-style-type: none"> • understands the significance of epidemiology, • are qualified for the proper evaluation of the available data, • acquaint themselves with the particularities of the field of epidemiology of infectious diseases, • gain knowledge about possible ways of transmission, spread paths and consequences of selected communicable diseases from the aspect of developing health-educational activities, • gain knowledge about the importance of determinants of infectious diseases, • get acquainted with the case of an outbreak and the accumulation of a set of selected infectious diseases.
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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), • <i>konzultacije</i>, • <i>izpit</i>. 	<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). • <i>consultations</i>, • <i>exam</i>.
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Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
<p>Način:</p> <ul style="list-style-type: none"> • izpit • izdelava, predstavitev in zagovor projektne/raziskovalne naloge <p>Ocenjevalna lestvica: ECTS.</p>	<p>60 %</p> <p>40 %</p>	<p>Types:</p> <ul style="list-style-type: none"> • exam • preparation, presentation and defence of the project/research paper <p>Grading scheme: ECTS.</p>