



Univerza v Mariboru

Medicinska fakulteta

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	Javno zdravje z epidemiologijo
Course title:	Public health and epidemiology

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
Splošna medicina, enovit magistrski študijski program		Četrty	8.
General medicine, Uniform master's degree study program		Fourth	8th

Vrsta predmeta (obvezni ali izbirni) /
Course type (compulsory or elective)

obvezni

compulsory

Univerzitetna koda predmeta / University course code:

Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
25	30				15		80	5
		AV	LV	RV				

Nosilec predmeta / Course coordinator:

doc. dr. Tit Albreht

Jeziki /Languages:

Predavanja / Lectures:

slovenski/slovene

Vaje / Tutorial:

slovenski/slovene

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

Prerequisites for enrolling in the course or for performing study obligations:

Vsebina (kratek pregled učnega načrta):

JAVNO ZDRAVJE daje temeljni pregled celotnega javnega zdravja in pregled javnozdravstveni konceptov v Sloveniji in v svetu. Študenti bodo spoznali organizirana

Content (syllabus outline):

The course PUBLIC HEALTH will introduce students to the discipline of public health and give them a broad overview of the key public health

prizadevanja družbe za ohranitev, krepitev ter povrnitev zdravja prebivalstva. Seznanili se bodo z s temeljnimi opredelitvami javnega zdravja ter ključnimi koncepti v javnem zdravju. Predstavljen bo vpliv temeljnih določilnic zdravja, ki so na strani posameznika, naravnega in družbenega okolja. Spoznali bodo osnove zdravstveno informacijskega sistema ter metode raziskovanja zdravja prebivalstva (zlasti epidemiološke in demografske metode). Seznanili se bodo z osnovnimi elementi sistema zdravstvenega varstva in spoznali ključne naloge posameznih ravni ukrepanja v okviru obvladovanja zdravstvenih problemov: primarna, sekundarna in raven terciarna raven. Predstavljeni bodo še javnozdravstveni ukrepi na ravni populacije ter na ravni posameznika.

V okviru predmeta JAVNO ZDRAVJE bodo predstavljeni dejavniki tveganja za zdravje v družbenem okolju.

Prikazan bo pomen ter načini in pristopi spoznavanja zdravstvenega stanja prebivalstva in posameznih skupin prebivalstva. Poudarek bo na prikazu značilnosti pojavljanja nekaterih obolenj in stanj ter dejavnikov tveganja za razvoj bolezni. Študentke in študenti se bodo seznanili z merjenji ravni zdravja prebivalstva, zlasti določenih bolj ogroženih skupin ter z ukrepi za izboljšanje zdravja prebivalstva, koordiniranjem in spremljanjem izvajanja promocijskih in preventivnih ukrepov na področju zdravja ter načini za vrednotenje njihove učinkovitosti.

concepts in Slovenia and in the world. Students will become aware of society responsibility and activities for improving the quality of life of individuals or populations. Topics covered include: the core functions of public health; behavioral, social and environmental determinants of health; introduction to health information system and measurement of population health (epidemiological and demographic methods): The students will get an overview of the Slovenian health care system with special emphasis on main tasks in the different level of health care system (primary, secondary, tertiary) and main population based and individual public health measures

During the course PUBLIC HEALTH socio-economic determinants of health will be presented.

Special emphasis will be given to health situation of Slovenia and major public health problems as well as main causes for them will be presented.

Methods for measuring health and diseases in population as whole as well as in different more susceptible groups will be presented. Further on measures for improving. Effective methods in conducting of measures will be presented among many multisectoral approach, coordination of health promoting and preventative activities and the need for constant evaluation of effectiveness of the measures taken.

Temeljni literatura in viri / Reading materials:

- Zaletel-Kragelj L, Eržen I, Premik M. Uvod v javno zdravje. Ljubljana: Medicinska fakulteta UL, 2007. Detels R,

- Rollins DM. Epidemiology and Public Health. University of Maryland, 2007. Dostopno na: <https://www.life.umd.edu/classroom/bsci424/BSCI425WebSiteFiles/LectureList.htm>
- Zupanič Slavec Z. Javno zdravstvo 20. stoletja in njegov soustvarjalec dr. Bojan Pirc. Ljubljana, Znanstveno društvo za zgodovino zdravstvene kulture Slovenije; Inštitut za varovanje zdravja RS, 2007
- Centers for Disease Control and Prevention Atlanta. Spletna stran. Dostopno na URL: <http://www.cdc.gov/>. Pristop: 20.03.2019

Dodatna literatura in viri / Additional references and sources

- Detels R, Guildford M, Karim QA, Tan CC (editors). Oxford Textbook of Global Public Health, 6th edition. Oxford: Oxford University Press, 2015.
- Edelman CL, Kudzma EC. Health promotion Throughout the Life Span, 9th Edition. Elsevier, 2018.
- Albreht T, Pribaković Brinovec R, Jošar D, POLDRUGOVAC, Mircha, KOSTNAPFEL RIHTAR, Tatja, ZALETEL, Metka, PANTEL, Dimitra, MARESSO, Anna. *Slovenia : health system review*, (Health systems in transition, Vol. 18, No. 3). Copenhagen: World Health Organization, European Observatory of Health systems and Policies, 2016. XXI, 207 str., graf. prikazi.
http://www.euro.who.int/_data/assets/pdf_file/0018/312147/HiT-Slovenia.pdf?ua=1.

Cilji in kompetence:

Namen predmeta je študentom in študentkam prikazati področja dela javnega zdravja ter organiziranost in metode dela: Spoznati morajo povezanost javnega zdravja in klinične medicine pri proučevanju ter razreševanju velikih javno zdravstvenih problemov ter razumeti potrebo po tesnem sodelovanju pri načrtovanju, izvajanju ter evalvaciji uvedenih ukrepov za izboljšanje zdravja prebivalstva.

Objectives and competences:

Basic objective is to present to the students main working methods and organizational approaches in public health. The student should understand the connections between public health and clinical medicine in solving major public health problems. Students should be aware that better health of population could be reached only if close cooperation between public health and clinical medicine in planning, conducting and evaluation of measures will be established.

Predvideni študijski rezultati:

Znanje in razumevanje:

Študentke in študenti bodo:

- razumeli, da je javno zdravje skupek aktivnosti s cilji zmanjšati breme bolezni, prezgodnje umrljivosti ter trajnih okvar ali nezmožnosti, pogojenih z boleznimi, v celotnem prebivalstvu,

Intended learning outcomes:

Knowledge and Understanding:

On the completion of this course the student will:

- be aware that main task of public health is to plan and conduct activities to reduce burden; of diseases, premature mortality and disability in population as a whole or in its specific groups,

• poznali in razumeli glavne probleme na področju javnega zdravja, pristope za zmanjševanje javno zdravstvenih problemov ter poznali glavne težave in ovire, ki v zvezi s tem nastajajo, • poznali temeljne metode dela za učinkovito izvajanje nalog na področju javnega zdravja, • poznali temeljne značilnosti informacijskega sistema v zdravstvu in njegove perspektive, • s pridobljenim znanjem razumeli principe na dokazih temelječega javno zdravstvenega ukrepanja, • razumeli možnosti in omejitve javnega zdravja. Prenosljive/ključne spretnosti in drugi atributi: Študentke in študenti bodo: • s pridobljenim znanjem in veščinami lahko sodelovali pri ugotavljanju razširjenost zdravstvenih problemov in stanj, povezanih z stilom življenja negativnimi družbenimi razmerami ter pri proučevanju vzroke zanje, iskanju ukrepov za obvladovanje posledic ter pri ocenjevanju učinkovitost teh ukrepov, • razumeli elemente, ki so potrebni pri razvoju politike ter oblikovanju ustrezne strategije za uresničevanje ciljev v zvezi z izboljšanjem zdravja in blagostanja prebivalcev, • poznali ključne pristope v proučevanju zdravstvenega stanja populacije ter poznali možnosti in omejitve rutinsko zbranih podatkov, • razumeli prednosti in težave, ki so povezane z medsektorskim sodelovanjem.	• know and understand main public health problems, effective measures for reducing those problems and obstacles that hinder more effective work, • be acquainted with working methods used in public health, • have the basic knowledge on health information system and its perspectives, • understand the principles of evidence based public health, • be aware of possibilities and limitation of public health. Transferable/Key Skills and other attributes: The students will: be able to take an active part in assessment of health status of population with special emphasis on prevalence of different social, economic and behavioral factors that have significant influence on health status, understand how to develop policy, strategy development and strategic qualities to improve health and well-being, know how to undertake a simple health needs assessment and describe the routinely available information on the state of the health and disease of the population and be aware of its limitations, understand possibilities that arise with introduction of multisectoral cooperation but also difficulties that accompanies this approach.
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Metode poučevanja in učenja:

Predavanja, seminarji, študij primerov, diskusije, nastopi, delo v manjših skupinah, reševanje konkretnih problemov, individualne naloge.

Learning and teaching methods:

Lectures, seminars, case study, student's presentations, small group work, consultations, team work, individual work.

Načini ocenjevanja:	Share (in %)	Assessment methods:
Pisni izpit in seminar, ki se ocenita z ocenjevalno lestvico od 5 (nezadostno) do 10 (odlično) - seminar - pisni izpit ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV Sodelovanje na predavanjih, izdelava seminarja in sodelovanje na predstavitev, sodelovanje na vajah POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA Opravljenе vaje, opravljen seminar	20 80	Written examination, seminar- grade span from 5 (insufficient) to 10 (excellent) - Seminar - Written exam ACADEMIC OBLIGATIONS OF STUDENTS: Participation at lectures and exercises, preparation and presentation of the seminar REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING: Participation at exercises, positive evaluation of the seminar

Reference nosilca / Course coordinator's references:

ALBREHT, Tit, MCKEE, Martin, ALEXE, Delia-Marina, COLEMAN, Michel P., MARTIN-MORENO, Jose M. Making progress against cancer in Europe in 2008. European Journal of Cancer, ISSN 0959-8049. [Print ed.], 2008, vol. 44, no. 10, str. 1451-1456.

JERIČEK KLANŠČEK, Helena, ŽIBERNA, Janina, KOROŠEC, Aleš, ZURC, Joca, ALBREHT, Tit. Mental health inequalities in Slovenian 15-year-old adolescents explained by personal social position and family socioeconomic status. International journal for equity in health, 2014, vol. 13, no. 26.

ALBREHT, Tit, DELNOIJ, Diana M. J., KLAZINGA, Niek. Changes in primary health care centres over the transition period in Slovenia. European journal of public health, 2006, vol. 16, no. 3, str. 237-242.

ALBREHT, Tit, KLAZINGA, Niek. Privatisation of health care in Slovenia in the period 1992-2008. Health policy, 2009, vol. 90, str. 262-269

ALBREHT, Tit, KLAZINGA, Niek. Health manpower planning in Slovenia : a policy analysis of the changes in roles of stakeholders and methodologies. Journal of health politics, policy and law, vol. 27, no. 6, str. 1001-1022.

ALBREHT, Tit, KLAZINGA, Niek. Restructuring public health in Slovenia between 1985 and 2006. International Journal of Public Health, 2008, vol. 53, no. 3, str. 150-159.