


**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

<b>Ime predmeta:</b>	<b>Javno zdravje z epidemiologijo</b>
<b>Course title:</b>	<b>Public health and epidemiology</b>

<b>Študijski program in stopnja</b> <b>Study programme and cycle</b>	<b>Študijska smer</b> <b>Study option</b>	<b>Letnik</b> <b>Year of study</b>	<b>Semester</b> <b>Semester</b>
Splošna medicina, enovit magistrski študijski program		Četrti	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:**

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

**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 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

**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 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

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.

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, Lijana (urednik, ilustrator), KUKEC, Andreja (urednik), ERŽEN, Ivan (urednik). *Javno zdravje*. Ljubljana: Medicinska fakulteta, Katedra za javno zdravje: Nacionalni inštitut za javno zdravje, 2023. XII, 529 str., ilustr. ISBN 978-961-267-245-4.
- Aschengrau A, Seage G (eds). *Essentials of epidemiology in public health*/Ann Aschengrau & George Seage. - 3<sup>rd</sup> ed. Jones and Bartlett Learning, Boston, 2014. Dostopno na: [https://books.google.si/books/about/Essentials\\_of\\_Epidemiology\\_in\\_Public\\_Hea.html?id=OewQAAAAQBAJ&redir\\_esc=y](https://books.google.si/books/about/Essentials_of_Epidemiology_in_Public_Hea.html?id=OewQAAAAQBAJ&redir_esc=y)
- 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

#### 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, Polin K, Pribaković Brinovec R, Kuhar M, Poldrugovac M, Ogrin Rehberger P, Prevolnik Rupel V, Vracco P. *Slovenia : health system review*, (Health systems in transition, Vol. 23, No. 1). Copenhagen: World Health Organization, European Observatory of Health systems and Policies, 2021. XXI, 183 str., graf. prikazi. <https://eurohealthobservatory.who.int/publications/i/slovenia-health-system-review-2020>.

**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,
- 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

**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,
- 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

<p>posledic ter pri ocenjevanju učinkovitost teh ukrepov,</p> <ul style="list-style-type: none"> <li>• razumeli elemente, ki so potrebni pri razvoju politike ter oblikovanju ustrezne strategije za uresničevanje ciljev v zvezi z izboljšanjem zdravja in blagostanja prebivalcev,</li> <li>• poznali ključne pristope v proučevanju zdravstvenega stanja populacije ter poznali možnosti in omejitve rutinsko zbranih podatkov,</li> <li>• razumeli prednosti in težave, ki so povezane z medsektorskim sodelovanjem.</li> </ul>	<p>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.</p>
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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:**

Delež (v %) /  
Share (in %)

**Assessment methods:**

<p>Pisni izpit in seminar, ki se ocenita z ocenjevalno lestvico od 5 (nezadostno) do 10 (odlično)</p> <p>Pisni izpit je sestavljen iz petih esejskih vprašanj, ki so si med seboj enakovredna in je vsako ocenjeno z do 10 točkami. Pogoj za pozitivno oceno je vsaj 27 doseženih točk.</p> <ul style="list-style-type: none"> <li>- seminar</li> <li>- pisni izpit</li> </ul> <p>ŠTUDIJSKE OBVEZNOSTI ŠTUDENTOV Sodelovanje na predavanjih, izdelava seminarja in sodelovanje na predstavitev, sodelovanje na vajah</p> <p>POGOJI ZA PRISTOP K POSAMEZNEMU PREVERJANJU ZNANJA Opravljen vaje, opravljen seminar</p>	<p><b>20</b></p> <p><b>80</b></p>	<p>Written examination, seminar- grade span from 5 (insufficient) to 10 (excellent)</p> <p>Written exam consists of five essay questions, which are all equally scored up to 10 points each. It is necessary to reach at least 27 points to score a passing mark</p> <ul style="list-style-type: none"> <li>- Seminar</li> <li>- Written exam</li> </ul> <p>ACADEMIC OBLIGATIONS OF STUDENTS: Participation at lectures and exercises, preparation and presentation of the seminar</p> <p>REQUIREMENTS FOR ACCESS TO INDIVIDUAL KNOWLEDGE CHECKING: Participation at exercises, positive evaluation of the seminar</p>
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**Reference nosilca / Course coordinator's references:**

ALBREHT, Tit. Challenges to global health emerging from the COVID-19 pandemic. *Sustainability*. 2023, vol. 15, str. 1-16. ISSN 2071-1050. <https://www.mdpi.com/2071-1050/15/9/7633/htm>, DOI: [10.3390/su15097633](https://doi.org/10.3390/su15097633).

JELENC, Marjetka, WEIDERPASS, Elisabete, FITZPATRICK, Patricia, ALBREHT, Tit. Developments in national cancer control programmes in Europe - results from the analysis of a pan-European survey. *Cancer control*. 2021, vol. 28, str. 1-6. ISSN 1526-

2359. <https://journals.sagepub.com/doi/pdf/10.1177/10732748211041508>,  
DOI: [10.1177/10732748211041508](https://doi.org/10.1177/10732748211041508).

ALBREHT, Tit. Quality management in (prostate) cancer care : what do European cancer control plans tell us?. *World journal of urology*. 2021, vol. 39, issue 1, str. 37-39. ISSN 0724-4983. [https://link.springer.com/article/10.1007/s00345-020-03258-0?wt\\_mc=Internal.Event.1.SEM.ArticleAuthorAssignedToIssue&utm\\_source=ArticleAuthorAssignedToIssue&utm\\_medium=email&utm\\_content=AA\\_en\\_06082018&ArticleAuthorAssignedToIssue\\_20210204](https://link.springer.com/article/10.1007/s00345-020-03258-0?wt_mc=Internal.Event.1.SEM.ArticleAuthorAssignedToIssue&utm_source=ArticleAuthorAssignedToIssue&utm_medium=email&utm_content=AA_en_06082018&ArticleAuthorAssignedToIssue_20210204),  
DOI: [10.1007/s00345-020-03258-0](https://doi.org/10.1007/s00345-020-03258-0).

ALBREHT, Tit, KUCHAR, Marjeta, PREVOLNIK RUPEL, Valentina. Complementary health insurance in Slovenia. V: TAVARES, Aida Isabel (ur.). *Health Insurance*. London: IntechOpen, cop. 2022. Str. 1-23. ISBN 978-1-80355-872-1. <https://www.intechopen.com/chapters/81988><https://www.intechopen.com/chapters/81988>,  
DOI: [10.5772/intechopen.105150](https://doi.org/10.5772/intechopen.105150).

ALBREHT, Tit, MOLINA-BARCELÓ, Ana. Social inequalities in cancer : the policies of the European Commission. V: LAUNOY, Guy (ur.), ZADNIK, Vesna (ur.), COLEMAN, Michel P. (ur.). *Social environment and cancer in Europe : towards an evidence-based public health policy*. Cham: Springer, cop. 2021. Str. 309-317. ISBN 978-3-030-69328-2. [https://link.springer.com/chapter/10.1007/978-3-030-69329-9\\_21](https://link.springer.com/chapter/10.1007/978-3-030-69329-9_21), DOI: [10.1007/978-3-030-69329-9\\_21](https://doi.org/10.1007/978-3-030-69329-9_21).