

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Metodologija raziskovalnega dela
Course title	Research Methodology

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	I.
<i>Education and Management in Health Care / 2nd Cycle</i>	No study field	I st year	I st

Vrsta predmeta/Course type

obvezni/obligatory

Univerzitetna koda predmeta/University course code

VMZ I UN I

Predavanja Lectures	Seminar Seminar	Sem. vaje Tutorial	Lab. vaje Laboratory work	Teren. vaje Field work	Samost. delo Individ. work	ECTS
30		30			180	8

Nosilec predmeta/Lecturer:

doc. dr. Ivan Verdenik

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):

<ul style="list-style-type: none"> • Posebnosti raziskovalnega procesa v okviru zdravstvenih ved. • Konceptualna izhodišča raziskovalnega dela (definicije problema, teorije in modeli, koncepti). • Metodološka izhodišča raziskovalnega dela (strategija, načrti, metode). • Problemi merjenja (ravni merjenja ter zanesljivost in veljavnost merjenja). 	<ul style="list-style-type: none"> • Specific features of the research process in the context of health sciences. • Conceptual bases of research work (problem definition, theories and models, concepts). • Methodological bases of research work (strategy, plans, methods).
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<ul style="list-style-type: none"> • Tipologije podatkov in iskanje podatkov (različni viri podatkov ter iskanje in vrednotenje podatkov). • Primarni podatki (opazovanje, osebni pogovor, (samo)anketiranje, oblikovanje vprašalnika). • Analiza podatkov (izbor ustrezne kvantitativne in/ali kvalitativne analize podatkov). • Interpretacija rezultatov opravljene analize podatkov (razmerje med analitskimi ugotovitvami in konceptualnim okvirom, pasti interpretacije). 	<ul style="list-style-type: none"> • Problems of measurement (measurement level, reliability and validity of measurement). • Typology of data and data searching (different data resources, searching and evaluation of the data). • Primary data (observation, personal conversation, (self-)interviewing, designing a questionnaire). • Analysis of data (selection of the appropriate quantitative and/or qualitative data analysis). • Interpretation of the data analysis results (relationship between the analytical findings and conceptual framework, drawbacks of interpretation).
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Temeljna literatura in viri/Readings:

Temeljna literatura

- Adamič, Š. (1995). Temelji biostatistike. Ljubljana: Medicinska fakulteta-Inštitut za biomedicinsko informatiko.
- Bowling, A. (2009). Research methods in health: investigating health and health services, 3rd ed. Maidenhead, Berkshire, New York: McGraw-Hill, Open University Press.
- Ferligoj, A. (1994). Osnove statistike na prosojnicah. Ljubljana: Samozal. Z. Batagelj. - OFrankfort-Nachmias, C., Nachmias, D. (2000). Research Methods in the Social Sciences. New York: Worth Publishers.
- Tratnik, M. (2002). Osnove raziskovanja v managementu. Koper: Visoka šola za management.

Cilji in kompetence:

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

- celostno obvladovanje temeljnega znanja s področja metodologije raziskovanja ter njegova interdisciplinarna uporaba,
- obvladovanje raziskovalnih metod in postopkov,
- usposobljenost za prepoznavanje potreb po spremembah in uvajanje le-teh,
- usposobljenost za sodelovanje, delo v skupini, timsko delo,
- usposobljenost za aplikacijo pridobljenega temeljnega znanja, kvantitativnih metod in raziskovalnih dognanj v obliki raziskovalne naloge,

Objectives and competences:

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

- comprehensive managing of fundamental knowledge in the field of research methodology and its interdisciplinary application,
- managing research methods and procedures,
- being qualified to recognise the needs for changes and their implementation,
- being qualified for cooperation, group work and team work,
- the ability for application of the acquired fundamental knowledge, quantitative

<ul style="list-style-type: none"> • sposobnost za reševanje konkretnih delovnih problemov z uporabo znanstvenih metod in postopkov, • razumevanje in uporaba metod kritične analize in razvoja teorij ter njihova uporaba pri reševanju problemov s področja zdravstva, • uporaba informacijske in komunikacijske tehnologije ter sistemov kot vira informacij, komunikacijskega sredstva, kot orodja pri raziskovalnem delu in kot delovnega sredstva, • obvladovanje izbranih raziskovalnih orodij za reševanje problemov v zdravstvu. 	<ul style="list-style-type: none"> • methods, and research findings in the form of research papers, • the ability to solve concrete work problems using scientific methods and procedures, • understanding and using the methods of critical analysis and theory development, and their application in solving problems in the field of health care, • the use of information and communication technology and systems as a source of information, means of communication, as a research work tool and as work resources, • managing selected research tools for solving problems in health care.
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Predvideni študijski rezultati:

Student/šudentka:

- spozna in utrdi znanje o oblikovanju konceptov in metodološkem okviru raziskovanja,
- spozna in utrdi temeljne raziskovalne pristope, ki se uporabljajo v zdravstvu in širše v zdravstvenih vedah,
- se nauči uporabljati koncepte in izbrane metode pri znanstvenem opazovanju izbranih pojavov,
- pridobi znanje in sposobnosti za kritični izbor interpretativnega aparata v povezavi z izbranim konceptom in metodologijo,
- se nauči uporabljati pridobljeno znanje za pripravo in izvedbo aplikativne raziskovalne naloge, projektne naloge in magistrske naloge v nadaljevanju študija ter izvedbo raziskovalnih projektov pri svojem strokovnem delu s področja zdravstva.

Intended learning outcomes:

Knowledge and understanding:

Students:

- get to know and consolidate the knowledge about developing concepts and methodological framework of the research,
- get to know and consolidate the fundamental research approaches to be used in health care and broader, in the field of health sciences,
- learn how to apply the concepts and selected methods in the scientific observation of selected phenomena,
- acquire knowledge and skills for a critical selection of interpretation connected with the selected concept and methodology,
- learn how to use the acquired knowledge to prepare an applied research paper, project paper and the master's thesis, as well as implement research projects in their professional work in the field of health care.

Metode poučevanja in učenja:

- *predavanja* z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov),
- *vaje*: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge

Learning and teaching methods:

- *lectures* with active student participation (explanation, discussion, questions, examples, problem solving);
- *tutorial*: preparation, presentation and a successful defence of a project paper

(reševanje problemov, študije primera, kritično presojanje, diskusija, refleksija izkušenj, vrednotenje, projektno delo, timsko delo), <ul style="list-style-type: none"> • konzultacije, • izpit. 	(problem solving, case studies with discussion, methods of critical thinking, reflection of experience, evaluating, project work, team work). <ul style="list-style-type: none"> • consultations, • exam.
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Načini ocenjevanja:	Delež (v %) Weight (in %)	Assessment:
Način: <ul style="list-style-type: none"> • izpit • izdelava, predstavitev in zagovor projektne/raziskovalne naloge Ocenjevalna lestvica: ECTS.	60 % 40 %	Types: <ul style="list-style-type: none"> • exam • preparation, presentation and defence of the project/research paper Grading scheme: ECTS.