

	UČNI NAČRT PREDMETA/COURSE SYLLABUS
Predmet	Kvalitativne in kvantitativne metode
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	2. letnik	I.
<i>Education and Management in Health Care / 2nd Cycle</i>		2 st year	I st

Vrsta predmeta/Course type modularni / module

Univerzitetna koda predmeta/University course code VMZ 2 M 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: izr. prof. dr. Janez Vogrinc

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.	The prerequisite for inclusion is enrolment in the second year of study.
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Vsebina: **Content (Syllabus outline):**

<ul style="list-style-type: none"> • Metode analize razlik s parametričnimi preizkusi (t preizkus za odvisne vzorce, t preizkus za neodvisne vzorce, enosmerna analiza variance za več skupin, enosmerna analiza kovariance z eno in več sopsremenljivkami). • Metode analize razlik z neparametričnimi preizkusi (Mann-Whitneyev preizkus, Wilcoxonov preizkus, Kruskal-Wallisov preizkus, Friedmanov preizkus). 	<ul style="list-style-type: none"> • The method of analysis of differences with data-enhanced parametric tests (t-test for dependent samples, t-test for independent samples, a one-way variance analysis for several groups, a one-way analysis of covariance with one or more co-variables). • The method of analysis of differences with non-parametrical tests (Mann-Whitneyev
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<ul style="list-style-type: none"> • Metode analize povezanosti (bivariantna, multipla korelacija in regresija, faktorska analiza). • Pomen kvalitativnega raziskovanja pri obravnavanju vprašanj s področja zdravstva. • Metode kvalitativne analize podatkov (oblikovanje poskusne teorije, kodiranje, oblikovanje kategorij). • Analiza diskurza. • Kriteriji ugotavljanja kakovosti znanstvenih spoznanj kvalitativnega raziskovanja. 	<p>test, Wilcoxonov test, Kruskal-Wallisov test Friedmanov test).</p> <ul style="list-style-type: none"> • <i>The method of connection analysis</i> (bivariate, multiple correlation and regression, factor analysis). • <i>The importance of qualitative research</i> in addressing issues in the field of business economics. • <i>Methods of qualitative data analysis</i> (theory of experimental design, coding, design categories). • <i>The discourse analysis.</i> • <i>The criteria determining quality of the scientific findings of qualitative research.</i>
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Temeljna literatura in viri/Readings:

Temeljna literatura

- Field, A. P. (2013). *Discovering statistics using IBM SPSS statistics: and sex and drugs and rock 'n' roll.* - 4th ed. - London [etc.]: SAGE.
- Neuman, W. (2006). *Social research methods: qualitative and quantitative approaches.* Boston: Pearson.
- Vogrinc, J. (2008). *Kvalitativno raziskovanje.* Ljubljana: Pedagoška fakulteta.
- Bryman, A., Cramer, D. (2002). *Quantitative Data Analysis.* New York: Routledge, str. 113-288.
- Charmaz, K. (2006). *Constructing Grounded Theory.* London: Sage Publications, str. 1-123.
- Denzin, N. K. in Lincoln, Y. S. (2003). *Collecting and Interpreting Qualitative Materials.* Thousand Oaks: Sage Publications, str. 47-176.
- Field, A. (2000). *Discovering Statistics Using SPSS for Windows.* London: Sage Publications, str. 49-57, 103-205, 243-323, 423-471.
- Gravetter, F. J. & Forzano, L. B. (2009). *Research Methods for the behavioral Sciences.* Belmont: Wadsworth Cengage Learning, str. 272–351.
- Petz, B. (1980). *Osnovne statističke metode za nematematičare.* Zagreb: Sveučilišna naklada Liber.

Cilji in kompetence:

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

- poglobijo razumevanje kvantitativnih in kvalitativnih raziskovalnih metod ter zmožnost njihove ustrezne uporabe v raziskovanju na področju zdravstva,
- opravijo analizo podatkov s statističnim programom SPSS ali s pomočjo računalniškega programa,

Objectives and competences:

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

- deepen their understanding of quantitative and qualitative research methods and the ability of their appropriate use in research of the business economics field;
- data analysis carried out by the statistical program SPSS or with the help of a computer program intended for the

<p>namenjenega kvalitativni analizi podatkov (npr. Atlas.ti, NUDIST ...),</p> <ul style="list-style-type: none"> • razvijajo zmožnost kritične analize, evalvacije in sinteze kompleksnih idej, • razvijajo zmožnost ustvarjalnega mišljenja in reševanja problemov, • razvijajo zmožnost samoevalviranja lastne prakse in prizadevanja za kakovost, • razvijajo zmožnost kritičnega vrednotenja izsledkov kvalitativnih in kvantitativnih raziskav. 	<p>qualitative data analysis (e.g. Atlas.ti, NUDIST, etc.);</p> <ul style="list-style-type: none"> • develop the ability of critical analysis, evaluation and synthesis of complex ideas; • develop the ability of creative thinking and problem solving; • develop the ability for self-evaluating their own practices and efforts for quality; • the ability to develop a critical evaluation of the results gained by the qualitative and quantitative research.
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Predvideni študijski rezultati:

Študent/študentka:

- obvlada temeljne kvalitativne in kvantitativne raziskovalne pristope, ki se uporabljajo pri raziskovanju v zdravstvu,
- preizkuša uporabo konceptov in metod pri znanstvenem opazovanju izbranih pojavov v zdravstvu,
- usvoji znanje in zmožnost kritičnega razumevanja interpretativnega aparata v povezavi z izbranim metodološkim konceptom,
- se usposobi za pripravo in izvedbo aplikativnih raziskovalnih nalog na področju zdravstva in njihovo implementacijo.

Intended learning outcomes:

Knowledge and understanding:

Students:

- master the fundamental qualitative and quantitative research approaches, which are used in research in health care,
- are testing the use of concepts and methods in the scientific observation of selected phenomena in health care,
- acquire knowledge and the ability of critical understanding of the interpretation apparatus in connection with selected methodological concept,
- are qualified for the preparation and realisation of research tasks in the field of health care and their implementation.

Metode poučevanja in učenja:

- *predavanja* z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje problemov),
- *vaje*: priprava, predstavitev in uspešen zagovor projektne/raziskovalne naloge (reševanje problemov, študije primera, kritično presojanje, diskusija, refleksija izkušenj, vrednotenje, projektno delo, timsko delo),
- *konzultacije*,
- *zagovor raziskovalne/projektne 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 (problem solving, case studies with discussion, methods of critical thinking, reflection of experience, evaluating, project work, team work).
- *consultations*,
- *defence of the research/project paper*.

