	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.
Education and Management in Health Care / 2nd Cycle		2st year	1st

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:	

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.

Vsebina:	**Content (Syllabus outline):**
• *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 sospremenljivkami). • *Metode analize razlik z neparametričnimi preizkusi* (Mann-Whitneyev preizkus, Wilcoxonov preizkus, Kruskal-Wallisov preizkus, Friedmanov preizkus).	• *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

• *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*.	test, Wilcoxonov test, Kruskal-Wallisov test Friedmanov test). • *The method of connection analysis* (bivariate, multiple correlation and regression, factor analysis). • *The importance of qualitative research* in addressing issues in the field of business economics. • *Methods of qualitative data analysis* (theory of experimental design, coding, design categories). • *The discourse analysis.* • *The criteria determining quality of the scientific findings of qualitative research*.

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 qantitative 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:	**Objectives and competences:**
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,	*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

namenjenega kvalitativni analizi podatkov (npr. Atlas.ti, NUDIST ...), • 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.	qualitative data analysis (e.g. Atlas.ti, NUDIST, etc.); • 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.

Predvideni študijski rezultati:	**Intended learning outcomes:**
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.	***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:	**Learning and teaching methods:**
• *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.*	• *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.*

Načini ocenjevanja:	Delež (v %) Weight (in %)	**Assessment:**
Študent pridobi oceno: 1. Študent aktivno sodeluje na vseh predavanjih in vajah (100% udeležba) ter uspešno pripravi, predstavi in zagovarja projektno/raziskovalno nalogo. 2. Če študent ni 100 % udeležen na predavanjih in vajah, pridobi oceno z: • opravljanjem izpita in • uspešno pripravo, predstavitvijo in zagovorom projektne ali raziskovalne naloge. Ocenjevalna lestvica: ECTS.	100% 60 % 40 %	The final grade is acquired by: 1. Students' active participation at all lectures and tutorials (100%) and successful preparation, presentation and defence of the project/research paper. 2. If a student does not participate 100% at lectures and tutorials, the grade is acquired by: • exam • preparation, presentation and successful defence of the project or research paper. Grading scheme: ECTS.