



UČNI NAČRT / COURSE SYLLABUS

Predmet / Course	Kvantitativne raziskovalne metode v družboslovju / Quantitative research Methods in the Social Sciences
Šifra predmeta / Course Code	B21KRMD-MZ
Nosilec predmeta / Course Coordinator	izr. prof. dr. Kristijan Breznik
Vrsta predmeta / Type of the course	obvezni/compulsory
Jezik / Language - Vaje / Tutorials - Predavanja / Lecture	Slovenski / Slovene, - Slovenski / Slovene, -
Študijski program / Programme	Management znanja (2. stopnja) / Knowledge management (2nd Cycle)
Letnik / Year	1.
Pogoji za vključitev / Requirements	ni pogojev

Predavanja Lectures	Vaje Tutorials	Druge oblike študija Other Type of Study	Samostojno delo Individual work	Ure dela Work hours	ECTS
40	0	0	185	225	9

Vsebina / Content:

1. Raziskovanje v družboslovju, načrt in izvedba kvantitativne raziskave 2. Pregled baz podatkov 3. Zbiranje podatkov (primarni in sekundarni viri) 4. Priprava podatkov za analizo 5. Ponovitev opisne statistike 6. Prikazovanje podatkov 7. Pregled in prikaz kvantitativnih metod za obdelavo podatkov 8. Uporaba statističnih paketov (SPSS in drugi) za analizo podatkov 9. Osnove vzorčenja 10. Naprednejše statistične metode (parametrični in neparametrični testi: t-test, Mann-Whitney, Kruskal-Wallis, chi-kvadrat test, ipd.)	1. Research in the social sciences, design and implementation of quantitative research 2. Databases overview 3. Data collection (primary and secondary sources) 4. Preparation of the data 5. Basic descriptive statistics 6. Presentation and visualization of data 7. Review and presentation of quantitative methods for data analysis 8. The use of statistical packages (SPSS and others) for data analysis 9. Introduction to sampling 10. Advanced statistical methods (parametric and nonparametric tests: the t-test, Mann-Whitney, Kruskal-Wallis, chi-square test, etc.)
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Splošne kompetence / General Competencies:

<i>Student bo pridobil znanje in spretnosti na naslednjih splošnih vsebinskih področjih:</i> SPL1: Delo s podatki in informacijami; SPL2: Osnovne računalniške spretnosti; SPL8: Spretnosti kritičnega mišljenja; SPL11: Spretnosti organiziranja in načrtovanja (npr. lastnega dela, dela drugih); SPL13: Spretnosti pisne komunikacije;	<i>Student will acquire knowledge and skills in the following general areas:</i> SPL1: Work with data and information; SPL2: Basic computer skills; SPL8: Critical thinking; SPL11: Organising and planning skills; SPL13: Written communication skills;
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Predmetno specifične kompetence / Course Specific Competencies:

<i>Student bo pridobil znanje in spretnosti na naslednjih specifičnih vsebinskih področjih:</i> PSP12: Informacijski sistemi in programska oprema na vsebinskem področju predmeta; PSP16: Raziskovalna metodologija na vsebinskem področju predmeta; PSP17: Matematika in statistika na vsebinskem področju predmeta;	<i>Student will acquire knowledge and skills in the following specific areas:</i> PSP12: Information systems and software in the fields of the course; PSP16: Research methodology in the fields of the course; PSP17: Mathematics and statistics in the fields of the course;
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Predvideni študijski izidi / Intended Learning Outcomes:

<i>Študent bo dosegel naslednje študijske izide:</i>	<i>Student will achieve the following learning outcomes:</i>
1.Pozna različne vire podatkov. 2.Pozna statistične pakete za potrebe statistične analize podatkov. 3.Pozna osnove raziskovalnega procesa, pozna osnovne kvantitativne metode in njihovo izvedbo ter analizo podatkov. 4.Zna iskati, urejati in uporabljati strokovno in znanstveno literaturo tudi z uporabo temu namenjenih programov (recimo Zotero) 5.Je seznanjen z uporabo znanstvenega aparata. 6.Uporablja osnovne statistične metode za analizo in prikaz podatkov. 7.Razume različne kvantitativne metode in tehnike v družboslovnem raziskovanju.	1. Knows different data sources. 2.Knows how to use software packages for data analysis. 3.Knows the basics of research process, knows basic quantitative research methods and their implementation and data analysis. 4.Knows how to search for, organise and use professional and scientific literature also with the help of computer software (e.g. Zotero) 5.Familiar with the use of scientific apparatus. 6.Uses basic statistical methods for analyzing and displaying data. 7.Understands various quantitative methods and techniques in social research.

Oblike in metode poučevanja in učenja / Types and Methods of Teaching and Learning

<i>Oblike dela</i>	Frontalna oblika poučevanja; Delo v manjših skupinah; Samostojno delo študenta; E-učenje
<i>Types of Teaching and Learning</i>	Frontal teaching; Work in smaller groups or pairs; Independent student work; E-learning
<i>Metode dela</i>	Razlaga;
<i>Teaching and Learning Methods</i>	Explanation;

Načini ocenjevanja v % / Types of Student Assessment

Sprotno ustno ocenjevanje / Oral Assessment	/
Sprotno pisno ocenjevanje / Written Assessment	20 %
Daljši pisni izdelek /Longer written casework ¹	70 %
Javni nastop s predstavitvijo rezultatov / Presentations ² /	/
Končni pisni izpit / Final written examination/	/
Končni ustni izpit / Final oral examination	/
Udeležba in sodelovanje / Participation and cooperation	10 %
Lestvica ocenjevanja / Grading scale	številaska/numeric

Temeljna literatura / Literature:

1. Field, A. (2009). <i>Discovering Statistics using SPSS</i> . Third Edition. London: SAGE.
2. Diez, D. M., Barr, C. D., Cetinkaya-Rundel, M. (2012). <i>OpenIntro Statistics</i> . Second Edition. Available at http://www.openintro.org/stat/textbook.php .
3. Hair, J. F. H., Jr., Black, W. C., Babin, B. J., Anderson, R. E. in Tatham, R. L. (2006). <i>Multivariate Data Analysis</i> . 6th Edition. Pearson: Prentice Hall.
4. Trunk Širca, N., Jošt, V., in Skrbinjek, V. (2015). <i>Pisna dela v visokem šolstvu in osnove raziskovanja</i> . Celje: Mednarodna fakulteta za družbene in poslovne študije.

Reference nosilca / Lecturer's references:

¹ Seminarska ali projektna naloga, raziskovalna naloga ipd.

² Plakat, naloga, prispevek

Izr. prof. dr. Kristijan Breznik:

1.01 Izvirni znanstveni članek

1. BREZNIK, Kristijan, LAW, Kris, ZEME, Jasmina. Mission in higher education in Slovenia: sustainability in engineering versus others sector. *Sustainability*, ISSN 2071-1050, 2021, vol. 13, 12 str.
2. BREZNIK, Kristijan, LAW, Kris, GORENAK, Mitja. Hotel branding exposed : a content analysis of related organisational values. *Organizacija : revija za management, informatiko in kadre*, ISSN 1318-5454, 2021, vol. 54, no. 3, str. 180-192.
3. NOVAK, Andrej, BREZNIK, Kristijan, NATEK, Srečko. How leaders can initiate knowledge management in organizations: role of leadership style in building knowledge infrastructure. *Human systems management*, ISSN 0167-2533, 2020, vol. 39, no. 1, str. 37-50.
4. BREZNIK, Kristijan, LAW, Kris. What do mission statements reveal about the values of top universities in the world?. *International journal of organizational analysis*, ISSN 1934-8835, 2019, vol. 27, no. 5, str. 1362-1375.
5. BREZNIK, Kristijan, REZK, Hanan. The mission statements of public research centres in Egypt. *World transactions on engineering and technology education*, ISSN 1446-2257, 2017, vol. 15, no. 2, str. 108-113.

1.08 Objavljeni znanstveni prispevek na konferenci

6. BREZNIK, Kristijan. Knowledge management: from its inception to the innovation linkage. V: PROSTEAN, Gabriela (ur.). *Challenges and innovation in management and entrepreneurship*, (Procedia, ISSN 1877-0428, vol. 238), 2018, vol. 238, str. 141-148.
7. BREZNIK, Kristijan. Knowledge management with WoS network of citations. V: DERMOL, Valerij (ur.), TRUNK, Aleš (ur.), SMRKOLJ, Marko (ur.). *Managing innovation and diversity in knowledge society through turbulent time : proceedings of the MakeLearn and TIIM Joint International Conference, 25-27 May 2016, Timisoara, Romania*, (MakeLearn, ISSN 2232-3309). Bangkok; Celje; Lublin: ToKnowPress. 2016, str. 1209-1215.