

UČNI NAČRT / COURSE SYLLABI

Študijsko leto 2017/2018

Predmet / Course	Raziskovalne metode v izobraževanju / Research Methods in Education
Šifra predmeta / Course Code	B21RMI-VKI
Nosilec predmeta / Course Coordinator	prof. dr. Nada Trunk Širca / doc. dr. Kristijan Breznik
Vrsta predmeta / Type of the course	obvezni/compulsory
Jezik / Language	
- Vaje / Tutorials	Slovenski / Slovene, Angleški / English
- Predavanja / Lecture	Slovenski / Slovene, Angleški / English
Študijski program (stopnja) / Programme (level)	Vodenje in kakovost v izobraževanju (2. stopnja) / Management and Quality in Education (2nd cycle)
Letnik / Year	1.
Primarno študijsko področje / Primary Study Field	Matematika, metodologija, statistika in informatika (Klasius 46 in 48)
Pogoji za vključitev / Requirements	/

Predavanja Lectures	Vaje Tutorials	Druge oblike študija Other Type of Study	Samostojno delo Individual work	Ure dela Work hours	ECTS
32	16	0	102	150	6

a) Vsebina / Content:

<p>1. Pisna dela v visokem šolstvu, tehnike sporočanja, oblikovno-tehnične značilnosti, uporaba znanstvenega aparata. 2. Družboslovno raziskovanje, kvalitativno in kvantitativno raziskovanje, metode ter diseminacija rezultatov (članki, raziskovalna poročila, diplomske naloge na različnih nivojih) 3. Raziskovalni proces, načrt in izvedba raziskave, baze podatkov. 4. Najbolj pogoste metode pridobivanja podatkov (vprašalnik, intervju) priprava in izvedba. 5. Osnove vzorčenja 6. Zbiranje podatkov (primarni in sekundarni viri), Priprava podatkov za analizo 7. Ponovitev opisne statistike, Prikazovanje podatkov 8. Pregled in prikaz metod za obdelavo podatkov 9. Uporaba statističnega paketa SPSS za analizo podatkov 10. Utemeljitev vsebine raziskovanja, izbira raziskovalnega pristopa in metode, faze in načrt raziskovanja, interpretacija rezultatov in ugotovitev 11. Analiza pisnih virov, študija primera 12. Mentorstvo, dispozicija in magistrska naloga</p>	<p>1. Written works in higher education and their technical and design aspects, use of citation style and documentation rules. 2. Research approaches, qualitative and quantitative research, and methods in social sciences, dissemination of results (articles, research reports, theses on various levels) 3. Research process, design and implementation of research, databases. 4. The most common methods of obtaining the data (questionnaire, interview), preparation and implementation of methods. 5. Introduction to sampling 6. Data collection (primary and secondary sources), Preparation of the data 7. Basic descriptive statistics, Presentation and visualization of data 8. Review and presentation of methods for processing the data 9. Using the statistical package SPSS for data analysis 10. Justification of research content, choice of research approach and method, research phases and design, interpretation of results and findings 11. Analysis of written sources, a case study 12. Mentoring/supervising, disposition and a master thesis</p>
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Spološne kompetence / General Competencies:

<p><i>Študent bo pridobil znanje in spretnosti na naslednjih splošnih vsebinskih področjih:</i></p> <p>SPL1: Delo s podatki in informacijami; SPL6: Etičnost; SPL8: Spretnosti kritičnega mišljenja; SPL9: Ustvarjanje novih zamisli (ustvarjalnost); SPL13: Spretnosti pisne komunikacije;</p>	<p><i>Student will acquire knowledge and skills in the following general areas:</i></p> <p>SPL1: Work with data and information; SPL6: Ethics; SPL8: Critical thinking; SPL9: Creativity; SPL13: Written communication skills;</p>
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Predmetno specifične kompetence / Course Specific Competencies:

<p><i>Študent bo pridobil znanje in spretnosti na naslednjih specifičnih vsebinskih področjih:</i></p> <p>PSP9: Vidik etike na vsebinskem področju predmeta; 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;</p>	<p><i>Student will acquire knowledge and skills in the following specific areas:</i></p> <p>PSP9: Principles of ethics; 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;</p>
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Predvideni študijski izidi / Intended Learning Outcomes:

<p><i>Študent bo dosegel naslednje študijske izide:</i></p> <p>Študent doseže naslednje študijske rezultate: 1. Razume pomembnost etike v raziskovanju. 2. Pozna različne vire podatkov. 3. Pozna statistične pakete za potrebe statistične analize podatkov. 4. Pozna instrumente za preprečevanje plagiatstva. 5. Pozna osnove raziskovalnega procesa. 6. Zna iskati, urejati in uporabljati strokovno in znanstveno literaturo. 7. Uporabi znanstveni aparat. 8. Uporablja osnovne statistične metode za analizo in prikaz podatkov. 9. Zna načrtovati raziskovalno delo. Zna izvesti raziskovalno delo. 10. Razume različne metode in tehnike (kvalitativne in kvantitativne) v raziskovanju. 11. Zna predstaviti in interpretirati rezultate raziskovalnih metod.</p>	<p><i>Student will achieve the following learning outcomes:</i></p> <p>Student achieves the following learning outcomes: 1. Understands the importance of ethics in research. 2. Knows different data sources. 3. Knows how to use software packages for data analysis. 4. Knows the instruments for the prevention of plagiarism. 5. Knows the basics of research process. 6. Knows how to search for, organise and use professional and scientific literature. 7. Uses the scientific apparatus. 8. Uses basic statistical methods for analyzing and displaying data. 9. Knows how to plan research tasks. Knows how to carry out research tasks. 10. Understands various methods and techniques (qualitative and quantitative) in research. 11. Knows how to present and interpret the results of research methods.</p>
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Oblike in metode poučevanja in učenja / Types and Methods of Teaching and Learning

Oblike dela	Frontalna oblika poučevanja; Delo v manjših skupinah; Samostojno delo študenta;
Types of Teaching and Learning	Frontal teaching; Work in smaller groups or pairs; Independent student work;
Metode dela	Razlaga; Razgovor/diskusija/debata;
Teaching and Learning Methods	Explanation; Conversation/discussion/debate;

Načini ocenjevanja v % / Types of Student Assessment

Sprotno ustno ocenjevanje / Oral Assessment	/
Sprotno pisno ocenjevanje / Written Assessment	50 %
Daljši pisni izdelek / Longer written casework ¹	20 %
Javni nastop s predstavitvijo rezultatov / Presentations ² /	/

¹ Seminarska ali projektna naloga, raziskovalna naloga ipd.

² Plakat, naloga, prispevek

Končni pisni izpit / Final written examination/	/
Končni ustni izpit / Final oral examination	/
Udeležba in sodelovanje / Participation and cooperation	30 %
Lestvica ocenjevanja / Grading scale	številaska/numeric

Temeljna literatura / Literature:

1.Trunk Širca, N., Jošt, V., in Skrbinjek, V. (2011). Pisna dela v visokem šolstvu in osnove raziskovanja. Celje: Me dnarodna fakulteta za družbene in poslovne študije. 2.Kumar, R. (2005). Research methodology: a step-by-step guide for beginners. London: Sage. 3.Field, A. (2009). Discovering Statistics using SPSS. Third Edition. London: SAGE. 4.Brown, Sally., McDowell, L., Race, P. (1995) .500 Tips for Research Students. New York, USA: Routledge. 5.American Psychological Association. (2010). Publication manual of the American Psychological Association (6th). Washington, DC: American Psychological Association.

Reference nosilca / Lecturer's references:

prof. dr. Nada Trunk Širca: BABNIK, Katarina, BREZNIK, Kristijan, DERMOL, Valerij, TRUNK ŠIRCA, Na da. The mission statement: organisational culture perspective. Industrial management + data systems, ISSN 0263577, 2014, no. 4, vol. 114, str. 61227, ilustr. <http://www.emeraldinsight.com/journals.htm?issn=0263577&volume=114&issue=4&articleid=17110436&show=html>, doi: 10.1108/IMDS0013-0455. [COBISS.SI-ID 12653217] TRUNK ŠIRCA, Nada, BABNIK, Katarina, BREZNIK, Kristijan. Towards organisatio nal performance : understanding human resource management climate. Industrial management + data systems, ISSN 0263577, 2013, vol. 113, no. 3, str. 36784, ilustr., doi: 10.1108/02635571311312668. [COBISS.SI-I D 512349753] DERMOL, Valerij, TRUNK ŠIRCA, Nada, BABNIK, Katarina, BREZNIK, Kristijan. Connecting research, higher education and business : implication for innovation. International journal of Euro-Medit erranean studies, ISSN 1855362. [Print ed.], 2013, vol. 6, no. 1, str. 650, 101, 10405, ilustr. [COBISS.SI-ID 12406689] Brejc, M., in Trunk Širca, N. (2007). Sistemi vodenja kakovosti - sinergija med notranjo in zunanjo evalvacijo. Vodenje v vzgoji in izobraževanju, 2(2007), 410. Trnavčević, A., Logaj, V., Trunk Širca, N. (2008). Failed survey: the bricolage of market research. International rev iew of qualitative research, summer, 1 (2), 21734. Trunk Širca, N. (2002). Amodelnost samoevalvacijskih procesov. Koper: Fakulteta za management. Trunk Širca, N. (2002, 24. sept). Actio n research as methodological approach to research . Lectures and workshops for students on Manchester Metropolitan University. Trunk Širca, N. (2005). Akcijska raziskava in nenehno izboljševanje šol. V J. Erčulj (ur.), V učence usmerjeno poučevanje, (Zbirka Mreže učech se šol 2) (str. 276). Ljubljana: Šola za ravnatelje. Trunk Širca, N., in Shapiro, Arthur S. (2007). Action research and constructivis m: two sides of the same coin? Or, one side?. International journal of management in education, 1(1/2), 10007. doc. dr. Kristijan Breznik: BREZNIK, Kristijan. Using social network analysis to id entify innovation clusters. International journal of innovating and learning, ISSN 1471-8197, 2016, vol. 19, no. 3, str. 272-285, ilustr. <http://www.inderscience.com/info/ingeneral/forthcoming.php?j code=ijil>, doi: 10.1504/IJIL.2016.075654. [COBISS.SI-ID 38308869] LAW, Kris, BREZNIK, Kristijan. Impacts of innovativeness and attitude on entrepreneurial intention : among engineering and n on-engineering students. International journal of technology and design education, ISSN 0957-7572, 2016, vol. , iss. , [18] str., ilustr. <http://link.springer.com/article/10.1007/s10798-016-9373-0>, doi: 10.10 07/s10798-016-9373-0. [COBISS.SI-ID 38712325] BREZNIK, Kristijan, LAW, Kris. How social networks affect the learning performance among engineering students. Technics tehnologies education m anagement, ISSN 1840-1503, 2015, vol. 10, no. 2, str. 191-203, graf. prikazi, tabele. [COBISS.SI-ID 13803681], [SNIP] BABNIK, Katarina, BREZNIK, Kristijan, DERMOL, Valerij, TRUNK ŠIRCA, Nada. The mission statement: organisational culture perspective. Industrial management + data systems, ISSN 0263577, 2014, no. 4, vol. 114, str. 61227, ilustr. <http://www.emeraldinsight.com/journals.htm?issn=0263577&volume=114&issue=4&articleid=17110436&show=html>, doi: 10.1108/IMDS0013-0455. [COBISS.SI-ID 12653217] TRUNK ŠIRCA, Nada, BABNIK, Katarina, BREZNIK, Kristijan. Towards organisatio nal performance : understanding human resource management climate. Industrial management + data systems, ISSN 0263577, 2013, vol. 113, no. 3, str. 36784, ilustr., doi: 10.1108/02635571311312668. [COBISS.SI-I D 512349753] DERMOL, Valerij, TRUNK ŠIRCA, Nada, BABNIK, Katarina, BREZNIK, Kristijan. Connecting research, higher education and business : implication for innovation. International journal of Euro-Medit erranean studies, ISSN 1855362.

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