



## UČNI NAČRT / COURSE SYLLABUS

Študijsko leto 2020/2021

<b>Predmet / Course</b>	Raziskovalne metode v izobraževanju / Research Methods in Education
<b>Šifra predmeta / Course Code</b>	B21RMI-VKI
<b>Nosilec predmeta / Course Coordinator</b>	prof. dr. Nada Trunk Širca / izr. prof. dr. Kristijan Breznik
<b>Vrsta predmeta / Type of the course</b>	obvezni/compulsory
<b>Jezik / Language</b> - Vaje / Tutorials - Predavanja / Lecture	Slovenski / Slovene, Angleški / English Slovenski / Slovene, Angleški / English
<b>Študijski program (stopnja) / Programme (level)</b>	Vodenje in kakovost v izobraževanju (2. stopnja) / Management and Quality in Education (2nd cycle)
<b>Letnik / Year</b>	1.
<b>Pogoji za vključitev / Requirements</b>	/

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

### 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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### Splošne kompetence / General Competencies:

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

<i>Študent bo pridobil znanje in spretnosti na naslednjih specifičnih vsebinskih področjih:</i>	<i>Student will acquire knowledge and skills in the following specific areas:</i>
<b>PSP9:</b> Vidik etike na vsebinskem področju predmeta; <b>PSP12:</b> Informacijski sistemi in programska oprema na vsebinskem področju predmeta; <b>PSP16:</b> Raziskovalna metodologija na vsebinskem področju predmeta; <b>PSP17:</b> Matematika in statistika na vsebinskem področju predmeta;	<b>PSP9:</b> Principles of ethics; <b>PSP12:</b> Information systems and software in the fields of the course; <b>PSP16:</b> Research methodology in the fields of the course; <b>PSP17:</b> Mathematics and statistics in the fields of the course;

**Predvideni študijski izidi / Intended Learning Outcomes:**

<i>Študent bo dosegel naslednje študijske izide:</i>	<i>Student will achieve the following learning outcomes:</i>
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.	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.

**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;
<i>Types of Teaching and Learning</i>	Frontal teaching; Work in smaller groups or pairs; Independent student work;
<i>Metode dela</i>	Razlaga; Razgovor/diskusija/debata;
<i>Teaching and Learning Methods</i>	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 <sup>1</sup>	20 %
Javni nastop s predstavitvijo rezultatov / Presentations <sup>2</sup> /	/
Končni pisni izpit / Final written examination/	/
Končni ustni izpit / Final oral examination	/
Udeležba in sodelovanje / Participation and cooperation	30 %
<b>Lestvica ocenjevanja / Grading scale</b>	številaska/numeric

<sup>1</sup> Seminarska ali projektna naloga, raziskovalna naloga ipd.

<sup>2</sup> Plakat, naloga, prispevek

### **Temeljna literatura / Literature:**

1. Greener, S., Martelli, J. (2015) *An introduction to Business Research Methods - 2nd edition*. [Bookboon.com](https://bibalex.org/baifa/Attachment/Documents/OkOnzbNWN9_20170129145214548.pdf). [https://bibalex.org/baifa/Attachment/Documents/OkOnzbNWN9\\_20170129145214548.pdf](https://bibalex.org/baifa/Attachment/Documents/OkOnzbNWN9_20170129145214548.pdf)
2. BREZNIK, Kristijan, LAW, Kris. (2019) What do mission statements reveal about the values of top universities in the world?. *International journal of organizational analysis*, ISSN 1934-8835, 27(5), str. 1362-1375.
3. Field, A. (2009). *Discovering Statistics using SPSS*. Third Edition. London: SAGE.
4. Trunk Širca, N., Jošt, V., in Skrbinjek, V. (2015). *Pisna dela v visokem šolstvu in osnove raziskovanja*. Celje: Mednarodna fakulteta za družbene in poslovne študije.

### **Reference nosilca / Lecturer's references:**

#### **Prof. dr. Nada Trunk Širca:**

##### **1.01 Izvirni znanstveni članek**

1. ARZENŠEK, Ana, KOŠMRLJ MUHA, Katarina, TRUNK ŠIRCA, Nada. Predicting young researchers' university-industry collaboration using theory of planned behaviour. *International journal of innovating and learning*, ISSN 1471-8197, 2018, no. 2, vol. 24, str. 200-219.
2. ARZENŠEK, Ana, KOŠMRLJ MUHA, Katarina, TRUNK ŠIRCA, Nada. Slovenian young researchers' motivation for knowledge transfer. *Higher education*, ISSN 0018-1560. [Tiskana izd.], 2014, vol. 68, no. 2, str. 185-206.
3. BABNIK, Katarina, TRUNK ŠIRCA, Nada. Knowledge creation, transfer and retention : the case of intergenerational cooperation. *International journal of innovating and learning*, ISSN 1471-8197, 2014, vol. 15, no. 4, str. 349-364.
4. DERMOL, Valerij, TRUNK ŠIRCA, Nada, BABNIK, Katarina, BREZNIK, Kristijan. Connecting research, higher education and business : implication for innovation. *International journal of Euro-Mediterranean studies*, ISSN 1855-3362. [Print ed.], 2013, vol. 6, no. 1, str. 65-80, 101, 104-105.

##### **2.01 Znanstvena monografija**

5. TRUNK ŠIRCA, Nada. *Amodity of self-evaluation processes*. Bangkok; Celje; Lublin: ToKnowPress, cop. 2018. 169 str., ilustr. ISBN 978-83-65020-23-9. ISBN 978-83-65020-24-6. [www.toknowpress.net/ISBN/978-83-65020-23-9.pdf](http://www.toknowpress.net/ISBN/978-83-65020-23-9.pdf).
6. ŠIROK, Klemen, DERMOL, Valerij, JURIC, Alenka, MARJETIČ, Duša, TRUNK ŠIRCA, Nada. *Socrates and Leonardo da Vinci in Slovenia : impact of Socrates II and Leonardo da Vinci II programmes in Slovenia, 2000-2006*, (Monographs Series). Koper: Faculty of Management, 2015. 101 str.
7. KOŠMRLJ MUHA, Katarina, TRUNK ŠIRCA, Nada, ARZENŠEK, Ana, NOVAK, Matic, JOŠT LEŠER, Valentina, BARLE LAKOTA, Andreja, LESJAK, Dušan. *Med produkcijo in prenosom znanja : analiza programa mladih raziskovalcev*, (Znanstvene monografije Fakultete za management Koper). Koper: Fakulteta za management, 2013. 198 str.

##### **2.03 Univerzitetni, visokošolski ali višješolski učbenik z recenzijo**

8. TRUNK ŠIRCA, Nada, JOŠT LEŠER, Valentina, SKRBINJEK, Vesna. *Pisna dela v visokem šolstvu in osnove raziskovanja*, (Učbeniki MFDPS). 3. izd. Celje: Mednarodna fakulteta za družbene in poslovne študije, 2015. 50 str.

#### **Izr. prof. dr. Kristijan Breznik:**

##### **1.01 Izvirni znanstveni članek**

1. BREZNIK, Kristijan, SKRBINJEK, Vesna. Erasmus student mobility flows. *European journal of education*, ISSN 1465-3435, Mar. 2020, vol. 55, iss. 1, str. 105-117.
2. BREZNIK, Kristijan, SKRBINJEK, Vesna. Citation network analysis of documents on engineering and technology education. *Global journal of engineering education*, ISSN 1328-3154, 2017, vol. 19, no. 3, str. 213-218.
3. LAW, Kris, BREZNIK, Kristijan. Impacts of innovativeness and attitude on entrepreneurial intention : among engineering and non-engineering students. *International journal of technology and design education*, ISSN 0957-7572, Dec. 2017, vol. 27, iss. 4, str. 683-700.

4. 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.
5. BREZNIK, Kristijan, ĐAKOVIĆ, Goran. Erasmus student mobility flows - the national-level social network analysis of Slovenia. *International journal of innovating and learning*, ISSN 1471-8197, 2016, vol. 20, no. 2, str. 124-137.

**1.08 Objavljeni znanstveni prispevek na konferenci**

6. ZEME, Jasmina, BREZNIK, Kristijan. The content of mission statements of Slovenian HE institutions. V: DERMOL, Valerij (ur.), SMRKOLJ, Marko (ur.). *Management challenges in a network economy : proceedings of the MakeLearn and TIIM International Conference*, 17-19 May 2017, Lublin, Poland, (MakeLearn, ISSN 2232-3309). Bangkok; Celje; Lublin: ToKnowPress. 2017, str. 345-351.