

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	Metode triangulacije
Course title:	Triangulation methods

Študijski program in stopnja <i>Study programme and level</i>	Študijska smer <i>Study field</i>	Letnik <i>Academic year</i>	Semester <i>Semester</i>
Menedžment kakovosti podiplomski (tretja)	Program nima smeri	1.	1.
Quality Management Graduate-PhD (Third)	The program has no study fields	1	1

Vrsta predmeta / Course type:	Obvezni	Required
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Univerzitetna koda predmeta / University course code:	031001-05
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Predavanja <i>Lectures</i>	Seminar <i>Seminar</i>	Sem. vaje <i>Tutorial</i>	Lab. vaje <i>Laboratory work</i>	Teren. vaje <i>Field work</i>	Samost. delo <i>Individ. work</i>	ECTS
10	30	-	-	-	410	15

Nosilec predmeta / Lecturer:	Prof. dr. Janez Usenik	Dr. Janez Usenik, Full Professor
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Jeziki / Languages:	Predavanja / Lectures:	Vaje / Tutorial:
	Slovenski, angleški	Slovenski, angleški
	Slovenian, English	Slovenian, English

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:

- Vpis v 1. letnik študija

Prerequisites:

- Enrolment in the first year of study.

Vsebina:

<ol style="list-style-type: none"> 1. Triangulacija v analizi kvalitete množične strežbe 2. Triangulacija v analizi kvalitete zdravstvenih storitev 3. Triangulacija v analizi kvalitete računovodskih podatkov in poslovnega računovodstva 4. Triangulacija v analizi kvalitete faktorjev regionalnega razvoja 5. Triangulacija v analizi kvalitete lokacije 6. Druge možne aplikacije 7. Analiza in interpretacija. 8. Predstavitev rezultatov raziskave v raziskovalnih poročilih, monografijah in znanstvenih oziroma strokovnih člankih na kongresih in v znanstvenih revijah 9. Vrednote in etika v raziskovanju. Pravna zaščita avtorstva.
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Content (Syllabus outline):

<ol style="list-style-type: none"> 1. Triangulation in the analysis of quality queuing theory. 2. Triangulation in the analysis of health services. 3. Triangulation in the analysis of quality accounting data and business accounting. 4. Triangulation in the analysis of quality factors of regional development. 5. Triangulation in the analysis of location quality. 6. Other possible applications. 7. Analysis and interpretation. 8. Presentation of research results through research reports, monographs and scientific or other professional articles at conferences and academic journals. 9. Values and ethics in research. Legal protection of authorship.

Temeljna literatura in viri / Readings

Obvezna literature / Required reading(s):

- Bogataj, M. (2012). *Triangulacija*. Šempeter pri Gorici: MEDIFAS.
- Izbrani članki iz revij v ScienceDirect.
- Zakon o avtorski in sorodnih pravicah (ZASP), Ur.l. RS, št. 21/1995 (spremembe: Ur.l. RS, št. 9/2001, 30/2001, 85/2001 Skl.US: U-I-149/98-36, 43/2004, 58/2004 Odl.US: U-I-200/02-12, 94/2004-UPB1, 17/2006, 44/2006-UPB2, 139/2006, 16/2007-UPB3, 68/2008, 85/2010 Skl.US: U-I-191/09-7, Up-916/09-16)
- Hales, D. (2010). *An Introduction to Triangulation*. Ženeva, Švica: UNAIDS.
- Bogataj, M. (2011). *Temelji raziskovalnega dela (zapiski predavanj)*. Šempeter pri Gorici: MEDIFAS.
- Olsen, W. (2004). Triangulation in social research: Qualitative and Quantitative methods can really be mixed. *Development in Sociology*. Edinburgh Gate: Causeway press.
- Blaikie, N. (1991). Critique of the use of triangulation in social research. *Quality & Quantity*, 25(2), 115–136.
- Downward, P., & Mearman, A. (2007). Retrodution as mixed-methods triangulation in economic research: reorienting economics into social science. *Cambridge Journal of Economics*, 31(1), 77–99. doi: 10.1093/cje/bel009

Cilji in kompetence:

- Sposobnost identificiranja danega raziskovalnega problema, njegove analize ter možnih rešitev.
- Sposobnost prepoznavanja paradigmatičnih premikov in zmožnost oblikovanja sodobnih inovativnih konceptov in pristopov, namenjenih izboljševanju kakovosti delovanja, organizacij in skupnosti.
- Sposobnost obvladanja standardnih metod, postopkov in procesov raziskovalnega dela na področju kakovosti in odličnosti.
- Sposobnost uporabe pridobljenega teoretičnega znanja v praksi.
- Avtonomnost v svojem raziskovalno strokovnem delu.
- Zavezanost profesionalni etiki.
- Sposobnost oblikovanja in implementacije izvirnih znanstvenih rešitev danih problemov in priložnosti na področju kakovosti in odličnosti.
- Sposobnost izvirnega reševanja konkretnih raziskovalnih problemov na različnih področjih kakovosti in odličnosti kot tudi njenih sorodnih disciplin.
- Razvoj novih veščin in spretnosti v uporabi znanja na svojem konkretnem raziskovalnem in delovnem področju kakovosti in odličnosti ter sorodnih disciplin.
- Sposobnost razvoja novih raziskovalnih empiričnih metod kakovosti in odličnosti ter njenih sorodnih disciplin (sistemska teorija, ekonometrično modeliranje, teorija odločanja, statistične analize, simulacije).
- Sposobnost predstavitve pridobljenih znanstvenih izsledkov v obliki publikacij v mednarodni znanstveni periodiki.

Objectives and competences:

- The ability to identify a given research problem, its analysis and possible explanations/solutions.
- The ability to recognize paradigm shifts and to design contemporary innovative concepts and approaches designed to improve the quality of life of individuals, organizations, and communities.
- The ability to apply and use standard methods, procedures and processes of research to the field of quality and excellence.
- Ability to use theoretical knowledge in practice.
- Autonomy in one's own professional research work.
- Commitment to professional ethics.
- Ability to design and implement original scientific answers to problems and opportunities in the area of quality and excellence.
- The ability of solving original and concrete research problems in various areas of quality and excellence, and its related disciplines.
- The development of new skills and abilities in the use of knowledge in a specific area of research and/or work in the area of quality and excellence and related disciplines.
- Ability to develop new methods of empirical research quality and excellence and its related disciplines (econometric modelling, decision theory, empirical marketing research).
- The ability to present obtained scientific research results in the form of publications in international scientific journals.

Predvideni študijski rezultati:

Intended learning outcomes:

<p>Študent/študentka:</p> <ul style="list-style-type: none"> – V kontekstu raziskovalnega procesa in v povezavi z drugimi predmeti demonstrira znanje relevantnih vprašanj s področja organizacijskih študij z uporabo triangulacijskih tehnik; – Zavzame in obrazloži stališče do etičnih vprašanj v raziskovalnem procesu in kritično vrednosti konkreten primer z uporabo triangulacij – Reflektira in kritično ovrednoti strokovnost in etičnost uporabljenih kvalitativnih in kvantitativnih metod z uporabo triangulacij; – Pozna in uporablja osnovne metode in tehnike kvalitativnega in kvantitativnega raziskovanja ter triangulacij obeh pristopov. – Izvede svoj študijski primer z uporabo triangulacije. – Uporablja osnovno programsko opremo za kvalitativno in kvantitativno analizo. – Reflektira in kritično ovrednoti primernost določene raziskovalne metode za analizo konkretnega problema ob uporabi triangulacije podatkov, literature ali rezultatov različnih raziskovalnih skupin. 	<p>The student will:</p> <ul style="list-style-type: none"> – During the research process, know and understand the relevant topics of organizational studies, using triangulation and other approaches. – Accept and explain viewpoints in the matter of ethics in the research process and evaluate a case, using triangulation methods and/or other approaches; – Reflect and critically assess professional and ethical approach to qualitative and quantitative research methods using triangulation and/or other approaches. – Understand and know how to use more sophisticated methods of qualitative and quantitative research or triangulation of these approaches. – Prepare and present the introduction of a case study using triangulation and/ or other techniques. – Use available program tools. – Reflect and critically assess various experiences from the area of qualitative and quantitative research and/or triangulation of various sources, methods and scientific assessments.
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<p>Metode poučevanja in učenja:</p> <ul style="list-style-type: none"> – Predavanja z aktivno udeležbo študentov (razlaga snovi, pogovori, vprašanja, primeri, reševanje problemov). – Seminarji (refleksija izkušenj, projektno delo, timsko delo, metode kritičnega mišljenja, pogovori, sporočanje povratne informacije). – Individualne in skupinske konzultacije (pogovori, dodatna razlaga, obravnava specifičnih vprašanj). – Animacija samostojnega študija in raziskovanja 	<p>Learning and teaching methods:</p> <ul style="list-style-type: none"> – Lectures with active student participation (discussions, talks, questioning, cases, problem-solving). – Seminar papers (reflections from experience, project work, teamwork, methods of critical thinking, talks, providing feedback,). – Individual and group consultations (discussions, additional explanations, discussing specific questions). – Facilitating independent study and research
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Načini ocenjevanja:	Delež / Weight (%)	Assesment:
<p>Način (pisni izpit, ustno izpraševanje, naloge, projekt)</p> <ul style="list-style-type: none"> – Znanstveni članek – Ustni izpit s teoretičnim utemeljevanjem spoznanj iz znanstvenega članka 	<p style="text-align: center;">60 40</p>	<p><i>Type (examination, oral, coursework, project)</i></p> <ul style="list-style-type: none"> – Scientific article – Oral exam with theoretical justification of understandings from the scientific article

<p>Reference nosilca / Lecturer`s references:</p> <ul style="list-style-type: none"> – USENIK, Janez, BOGATAJ, Marija. Fuzzy approach for a location-inventory model, (Mathematical economics, operational research and logistics, serial no. 3). Ljubljana: Faculty of Economics, 2004. 82 str., ilustr. ISBN 961-240-027-X. [COBISS.SI-ID 217054208] – BOGATAJ, Marija, USENIK, Janez. Fuzzy approach to the spatial games in the total market area. International journal of production economics, ISSN 0925-5273. [Print ed.], 8 January 2005, vol. 93-94, str. 493-503. [COBISS.SI-ID 15011302], [JCR, SNIP, WoS do 14. 1. 2018: št. citatov (TC): 9, čistih citatov (CI): 8, Scopus do 18. 2. 2018: št. citatov (TC): 14, čistih citatov (CI): 12]

- USENIK, Janez, BOGATAJ, Marija. A fuzzy set approach for a location-inventory model. *Transportation planning and technology*, ISSN 0308-1060, 2005, vol. 28, no. 6, pp. 447-464. [COBISS.SI-ID9626785], [JCR, SNIP, WoS do 22. 4. 2018: št. citatov (TC): 5, čistih citatov (CI): 5, Scopus do 18. 9. 2018: št. citatov (TC): 10, čistih citatov (CI): 9]
- USENIK, Janez. Generalizirano zvezno variabilno dinamično linearno programiranje : (generalizirano c/b/A - ZDLP) : [znanstvena monografija]. 1. izd. Novo mesto: Fakulteta za industrijski inženiring, 2017. 201 str., ilustr. ISBN 978-961-94246-2-9. [COBISS.SI-ID 292963328]
- USENIK, Janez, TURNŠEK, Tit. Modeling conflict dynamics : system dynamic approach. V: KRAMBERGER, Tomaž (ur.), POTOČAN, Vojko (ur.), IPAVEC, Vesna Mia (ur.). *Sustainable logistics and strategic transportation planning*, (Advances in logistics, operations, and management science book series (Print), ISSN 2327-350X). Hershey: IGI Global. cop. 2016, str. 273-294, ilustr. <http://www.igi-global.com/book/sustainable-logistics-strategic-transportation-planning/141939>, doi: 10.4018/978-1-5225-0001-8.ch013. [COBISS.SI-ID 512762941]