

UČNI NAČRT PREDMETA / COURSE SYLLABUS

Ime predmeta:	ZNANSTVENI ČLANKI IN RAZISKOVALNI PROJEKTI
Course title:	SCIENTIFIC RESEARCH METHODS

Študijski program in stopnja Study programme and cycle	Študijska smer Study option	Letnik Year of study	Semester Semester
LOGISTIKA SISTEMOV 3. stopnja		2.	3.
SYSTEM LOGISTICS 3 rd degree		2.	3.

Vrsta predmeta (obvezni ali izbirni) / Course type (compulsory or elective)	OBVEZNI
	COMPULSORY

Univerzitetna koda predmeta / University course code:	DR
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Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
		AV	LV	RV				
20						160	6	

Nosilec predmeta / Course coordinator:	TOMAŽ KRAMBERGER, REBEKA KOVAČIČ LUKMAN
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Jeziki /Languages:	Predavanja / Lectures: SLOVENSKI/SLOVENE
	Vaje / Tutorial: SLOVENSKI/SLOVENE

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	Prerequisites for enrolling in the course or for performing study obligations:
Ni pogojev.	None.

Vsebina (kratek pregled učnega načrta):	Content (syllabus outline):
Znanstveni članki: <ul style="list-style-type: none"> • Priprava, pisanje in objava znanstvenih rezultatov • Revije • SSCI, SCI, A&HCI • Sicriss in cobiss • Etika v znanosti Raziskovalni projekti: <ul style="list-style-type: none"> • Vrste raziskovanja • Opredelitev projektov • Opredelitev projektnega načina dela • Vrste raziskovalnih, inovacijskih in razvojnih projektov • Cilji in rezultati projektov • Načrtovanje projektov • Metode in tehnike za načrtovanje projektov, metodologija 	Scientific papers: <ul style="list-style-type: none"> • Drafting, writing and publication of scientific results • Scientific journals • SSCI, SCI, A&HCI • Sicris and Cobiss • Ethics in science Research projects: <ul style="list-style-type: none"> • Forms of research • Projects definition • Definition of project work • Forms of research, innovation and development projects • Goals and results of the projects • Project planning

<ul style="list-style-type: none"> • Iskanje virov za financiranje projektov • Priprava osnutka projekta • Sestava in delovanje konzorcija projekta • Projektna pogodba • Pregled in priprava projektne dokumentacije • Kontrolna poročila in poročanje • Evalvacija projektov • Prenosljiva znanja (udeležba na nacionalnih in mednarodnih delavnicah, seminarjih, konferencah, ...) 	<ul style="list-style-type: none"> • Methods and techniques for project design, methodology • Searching for projects' funds • Preparing a project draft • Forming and functioning of the project consortia • Contracting • Preparation and review of project documents • Reporting and monitoring processes • Evaluation of projects • Transferable knowledge (participation at the national and international workshops, seminars, conferences, ...)
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Temeljni literatura in viri / Reading materials:

<ul style="list-style-type: none"> • Katz M. J., From research to Manuscript, A guide to scientific writing, Springer Science + Bussines Media B. V., 2009. • Day, R A. How to write and publish a scientific paper. Cambridge: Cambridge University Press, 2012 (7th edition). • Silobrčić, V. Kako sestaviti, objaviti i ocijeniti znanstveno djelo. Zagreb: Medicinska naklada, 2003. • Miklavčič, D. Objavljanje rezultatov raziskav – pisanje člankov, Elektrotehniški vestnik, 77(1), 2010, p. 75-84. • Bailey S., Academic Writing, A practical guide for students, RoutledgeFalmer, 2003. • Murray R., and Moore S., The handbook of academic writing: a fresh approach, Open University Press, 2006.

Cilji in kompetence:

<p>Cilj predmeta je:</p> <ul style="list-style-type: none"> • Seznaniti študente s pripravo, pisanjem in objavljanjem znanstveno raziskovalnega dela. • Seznaniti študente s pripravo in vodenjem raziskovalnih projektov. • Seznaniti študente z znanstvenimi revijami in faktorji vpliva. • Seznaniti študente z bazama Cobiss in Sicris. • Usposobiti študente za samostojno pripravo znanstvenih člankov. • Usposobiti študente za samostojno pripravo in izvedbo znanstveno-raziskovalnih projektov.

Objectives and competences:

<p>Goals of the subject:</p> <ul style="list-style-type: none"> • Acquainting students with the preparation, writing and publishing of scientific and research work. • Acquainting students with the preparation and management of research projects. • Acquainting students with scientific journal and impacts factors. • Acquainting students with Cobiss and Sicris databases. • Training students for preparing and implementing scientific and research projects.
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Predvideni študijski rezultati:

<p>Znanje in razumevanje:</p> <ul style="list-style-type: none"> • poznavanje metodologije izvedbe raziskovalnega dela, • poznavanje pomena in načina publiciranja, • poznavanje avtorstva in avtorskih pravic v raziskovalnem delu in znanstvenem publiciranju, • razumevanje celotnega procesa raziskovalnih projektov, od ideje do zaključka projekta.

Intended learning outcomes:

<p>Knowledge and understanding:</p> <ul style="list-style-type: none"> • knowledge of methodology of carrying out the research work, • knowledge of the meaning and methods of publishing, • knowledge of authorship and copyrights by the research work and scientific publications, • understanding the process of research projects, from the generation of idea to the completion of the project.

<p>Prenesljive/ključne spretnosti in drugi atributi:</p> <ul style="list-style-type: none"> • Sposobnost iskanja revij in objavljanja znanstvenih rezultatov. • Sposobnost prijave raziskovalnih projektov. • Sposobnost priprave znanstvenega prispevka na delavnici, konferenci, seminarju in predstavitev.
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<p>Transferable/Key Skills and other attributes:</p> <ul style="list-style-type: none"> • Ability to search scientific journals and publish scientific results. • Ability to write projects' applications. • Ability to prepare (submit) a scientific paper to the workshop, conference, seminar and its presentation.

Metode poučevanja in učenja:

<p>Predmet vključuje različne metode poučevanja in učenja, kot so: predavanja, razprava, seminarsko delo in samostojni študij študentov.</p>
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Learning and teaching methods:

<p>The subject comprehends several methods of teaching and learning, such as: lectures, discussion, seminar work and individual studying.</p>

Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
<ul style="list-style-type: none"> • Ocena predstavitve rezultatov raziskovalnega dela. 	20%	<ul style="list-style-type: none"> • Evaluation of the results from the research work.
<ul style="list-style-type: none"> • Seminarska naloga. 	40%	<ul style="list-style-type: none"> • Seminar work.
<ul style="list-style-type: none"> • Ustni izpit. 	30%	<ul style="list-style-type: none"> • Oral exam.
<ul style="list-style-type: none"> • Udeležba na znanstveni mednarodni delavnici, konferenci, seminarju, .. 	10%	<ul style="list-style-type: none"> • Participation at the international scientific workshop, conference, seminar, ...

Reference nosilca / Course coordinator's references:

KOVAČIČ LUKMAN, Rebeka, GLAVIČ, Peter, CARPENTER, Angela, VIRTIČ, Peter. Sustainable consumption and production : research, experience, and development : the Europe we want. *Journal of cleaner production*, 2016, vol. 138, str. 139-147.

LOZANO, Rodrigo, KOVAČIČ LUKMAN, Rebeka, LOZANO, Francisco J., HUISINGH, Don, LAMBRECHTS, Wim. Declarations for sustainability in higher education : becoming better leaders, through addressing the university system, *Journal of cleaner production*, 2013, vol. 48, str. 10-19.

KOVAČIČ LUKMAN, Rebeka, LOZANO, Rodrigo, VAMBERGER, Tamara, KRAJNC, Majda. Addressing the attitudinal gap towards improving the environment : a case study from a primary school in Slovenia, *Journal of cleaner production* 2013, vol. 48, str. 93-100.

KOVAČIČ LUKMAN, Rebeka, KRAJNC, Majda. Exploring non-traditional learning methods in virtual and real-world environments. *Educational technology & society*, 2012, vol. 15, no. 1, str. 237-247.

BUTTON, Kenneth John, KRAMBERGER, Tomaž, VIZINGER, Tea, INTIHAR, Marko. Economic implications for Adriatic seaport regions of further opening of the Northern Sea Route. *Maritime economics & logistics*, ISSN 1479-294X. [Spletna izd.], Mar. 2017, vol. 19, iss. 1, str. 52-67, ilustr. <http://www.palgrave-journals.com/mel/journal/vaop/ncurrent/abs/mel201525a.html>, doi: [10.1057/mel.2015.25](https://doi.org/10.1057/mel.2015.25). [COBISS.SI-ID 512702781].

INTIHAR, Marko, KRAMBERGER, Tomaž, DRAGAN, Dejan. Container throughput forecasting using dynamic factor analysis and ARIMAX model. *Promet*, ISSN 0353-5320. [Print ed.], 2017, vol. 29, no. 5, str. 529-542, ilustr. [COBISS.SI-ID 512879421].

KRAMBERGER, Tomaž, RUPNIK, Bojan, ŠTRUBELJ, Gregor, PRAH, Klemen. Port hinterland modelling based on port choice. *Promet*, ISSN 0353-5320. [Print ed.], 2015, vol. 27, no. 3, str. 195-203, ilustr. <http://www.fpz.unizg.hr/traffic/index.php/PROMTT/article/view/1611>, doi: [10.7307/ptt.v27i3.1611](https://doi.org/10.7307/ptt.v27i3.1611). [COBISS.SI-ID 512689725].

BUTTON, Kenneth John, CHIN, Anthony Thengheng, KRAMBERGER, Tomaž. Incorporating subjective elements into liners' seaport choice assessments. *Transport policy*, ISSN 0967-070X. [Print ed.], 2015, vol. 44, str. 125-133. [COBISS.SI-ID 512686141].

BUTTON, Kenneth John, KRAMBERGER, Tomaž. European Union expansion and seaport efficiency in the North Adriatic. *Applied economics letters*, ISSN 1466-4291, vol. 22, no. 9, str. 700-703.
<http://www.tandfonline.com/doi/full/10.1080/13504851.2014.969822#VGx2t2d49hl>, doi:
[10.1080/13504851.2014.969822](https://doi.org/10.1080/13504851.2014.969822). [COBISS.SI-ID [512596541](https://www.cobiss.si/id/512596541)].