

## UČNI NAČRT PREDMETA / COURSE SYLLABUS

**Ime predmeta:** ZNANSTVENI ČLANKI IN RAZISKOVALNI PROJEKTI  
**Course title:** SCIENTIFIC PAPERS AND RESEARCH PROJECTS

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 <sup>rd</sup> degree		2.	3.

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

OBVEZNI  
COMPULSORY

**Univerzitetna koda predmeta / University course code:**

DR

Predavanja Lectures	Seminar Seminar	Vaje Tutorial			Klinične vaje Clinical training	Druge oblike študija Other forms of study	Samost. delo Individual work	ECTS
20		AV	LV	RV			160	6

**Nosilec predmeta / Course coordinator:**

MATEVŽ OBRECHT

**Jeziki /Languages:**

**Predavanja / Lectures:** SLOVENSKI/SLOVENE

**Vaje / Tutorial:** SLOVENSKI/SLOVENE

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

Ni pogojev.

**Prerequisites for enrolling in the course or for performing study obligations:**

None.

**Vsebina (kratek pregled učnega načrta):**

Znanstveni članki:

- Novejše metodologije za pregledne znanstvene članke
- Priprava, pisanje in objava znanstvenih rezultatov
- Struktura znanstvenih člankov
- Iskanje znanstvenih revij
- SSCI, SCI, A&HCI
- Sciriss in Cobiss
- Etika v znanosti

Raziskovalni projekti:

- Vrste raziskovanja
- Opredelitev projektov
- Opredelitev projektnega načina dela
- Vrste raziskovalnih, inovacijskih in razvojnih projektov

**Content (syllabus outline):**

Scientific papers:

- Contemporary methodology for scientific reviews
- Drafting, writing and publication of scientific results
- Structure of scientific papers
- Scientific journals
- SSCI, SCI, A&HCI
- Sicris and Cobiss
- Ethics in science

Research projects:

- Forms of research
- Projects definition
- Definition of project work
- Forms of research, innovation and development projects

<ul style="list-style-type: none"> <li>• Cilji in rezultati projektov</li> <li>• Načrtovanje projektov</li> <li>• Iskanje virov za financiranje projektov</li> <li>• Priprava osnutka projekta in projektne dokumentacije</li> <li>• Sestava in delovanje konzorcija projekta</li> <li>• Projektna pogodba</li> <li>• Prenosljiva znanja (udeležba na nacionalnih in mednarodnih delavnicah, seminarjih, konferencah, ...)</li> </ul>	<ul style="list-style-type: none"> <li>• Goals and results of the projects</li> <li>• Project planning</li> <li>• Searching for projects' funds</li> <li>• Preparing a project draft and documents</li> <li>• Forming and functioning of the project consortia</li> <li>• Contracting</li> <li>• Transferable knowledge (participation at the national and international workshops, seminars, conferences, ...)</li> </ul>
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#### Temeljni literatura in viri / Reading materials:

- Katz M. J., From research to Manuscript, A guide to scientific writing, Springer Science + Business 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:

- Cilj predmeta je:
- 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:

- Goals of the subject:
- 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 to independently prepare scientific articles.
  - Training students for preparing and implementing scientific and research projects.

#### Predvideni študijski rezultati:

- Znanje in razumevanje:
- 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:

- Knowledge and understanding:
- 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.

Prenesljive/ključne spretnosti in drugi atributi:

- Sposobnost iskanja revij in objavljanja znanstvenih rezultatov.
- Sposobnost prijave raziskovalnih projektov.
- Sposobnost priprave znanstvenega prispevka na delavnici, konferenci, seminarju in predstavitev.

Transferable/Key Skills and other attributes:

- 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:**

Predmet vključuje različne metode poučevanja in učenja, kot so: predavanja, razprava, raziskovalno delo v sklopu samostojnega študija študentov in samostojni študij študentov.

**Learning and teaching methods:**

The subject comprehends several methods of teaching and learning, such as: lectures, discussion, research work within individual studying.

Načini ocenjevanja:	Delež (v %) / Share (in %)	Assessment methods:
• Ocena predavitve rezultatov raziskovalnega dela.	20%	• Evaluation of the results from the research work.
• Ocena raziskave.	50%	• Evaluation of research work.
• Ustni izpit.	20%	• Oral exam.
• Udeležba na znanstveni mednarodni delavnici, konferenci, seminarju, ..	10%	• Participation at the international scientific workshop, conference, seminar, ...

**Reference nosilca / Course coordinator's references:**

KNEZ, Matjaž, JEREB, Borut, JADRAQUE GAGO, Eulalia, ROSAK-SZYROCKA, Joanna, OBRECHT, Matevž. Features influencing policy recommendations for the promotion of zero emission vehicles in Slovenia, Spain, and Poland. *Clean technologies and environmental policy*, ISSN 1618-9558. [Online ed.]. <https://doi.org/10.1007/s10098-020-01909-9>, doi: [10.1007/s10098-020-01909-9](https://doi.org/10.1007/s10098-020-01909-9). [COBISS.SI-ID [26988291](#)], [JCR, SNIP, WoS]

OBRECHT, Matevž, KAZANCOGLU, Yigit, DENAC, Matjaž. Integrating social dimensions into future sustainable energy supply networks. *International journal of environmental research and public health*, ISSN 1660-4601, 2020, vol. 17, str. 1-18, ilustr. <https://doi.org/10.3390/ijerph17176230>, doi: [10.3390/ijerph17176230](https://doi.org/10.3390/ijerph17176230). [COBISS.SI-ID [27031299](#)], [JCR, SNIP, WoS]

KNEZ, Matjaž, KOŽELJ ZEVNIK, Gašper, OBRECHT, Matevž. A review of available chargers for electric vehicles. *Renewable & sustainable energy reviews : an international journal*, ISSN 1364-0321. [Print ed.], Jul. 2019, vol. 109, str. 284-293, ilustr. <https://doi.org/10.1016/j.rser.2019.04.013>, doi: [10.1016/j.rser.2019.04.013](https://doi.org/10.1016/j.rser.2019.04.013). [COBISS.SI-ID [512988989](#)], [JCR, SNIP, WoS]

DENAC, Matjaž, OBRECHT, Matevž, RADONJIČ, Gregor. Current and potential ecodesign integration in small and medium enterprises : construction and related industries. *Business strategy and the environment*, ISSN 0964-4733, 2018, vol. 27, no. 7, str. 825-837, doi: [10.1002/bse.2034](https://doi.org/10.1002/bse.2034). [COBISS.SI-ID [12985372](#)], [JCR, SNIP, WoS]

JEŽ, Sandra, ŠINKO, Simona, KNEZ, Matjaž, OBRECHT, Matevž. Greening the company's fleet : case study of Avtosteklo Ltd. *Istraživanja i projektovanja za privredu*, ISSN 1451-4117. [Print ed.], 2017, vol. 15, no. 1, str. 53-60, ilustr. [http://www.engineeringscience.rs/article/2017/Volume 15 1/Volume 15 article 413](http://www.engineeringscience.rs/article/2017/Volume%2015%201/Volume%2015%20article%20413), doi: [10.5937/jaes15-12173](https://doi.org/10.5937/jaes15-12173). [COBISS.SI-ID [512840253](#)], [SNIP, Scopus]

OBRECHT, Matevž, KNEZ, Matjaž. Carbon and resource savings of different cargo container designs. *Journal of cleaner production*, ISSN 1879-1786. [Online ed.], 1 Jul. 2017, vol. 155, 151-156

str. <https://doi.org/10.1016/j.jclepro.2016.11.076>, doi: [10.1016/j.jclepro.2016.11.076](https://doi.org/10.1016/j.jclepro.2016.11.076). [COBISS.SI-ID [512811837](#)], [JCR, SNIP, WoS]

KNEZ, Matjaž, OBRECHT, Matevž. Policies for promotion of electric vehicles and factors influencing consumers' purchasing decisions of low emission vehicles. *Journal of sustainable development of energy, water and environment systems*, ISSN 1848-9257, 2017, vol. 5, iss. 2, str. 151-162. <http://www.sdewes.org/jsdewes/pid5.0139>, doi: [10.13044/j.sdewes.d5.0139](https://doi.org/10.13044/j.sdewes.d5.0139). [COBISS.SI-ID [512832573](#)], [SNIP, WoS]

OBRECHT, Matevž, DENAC, Matjaž. Technology forecast of sustainable energy development prospects. *Futures*, ISSN 0016-3287. [Print ed.], 2016, vol. 84, str. 12-22, ilustr. <http://dx.doi.org/10.1016/j.futures.2016.09.002>, doi: [10.1016/j.futures.2016.09.002](https://doi.org/10.1016/j.futures.2016.09.002). [COBISS.SI-ID [512793917](#)], [JCR, SNIP, WoS]