## UČNI NAČRT PREDMETA / COURSE SYLLABUS

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| **Predmet:** | Management znanja |
| **Course title:** | Knowledge Management |

| Študijski program in stopnja<br>Study programme and level | Študijska smer<br>Study field | Letnik<br>Academic year | Semester<br>Semester |
|---|---|---|---|
| Podatkovne znanosti, magistrski študijski program druge stopnje | - | Prvi | Drugi |
| The second cycle masters study programme Data Sciences | - | First | Second |

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| **Vrsta predmeta / Course type** | Izbirni / Elective |

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| **Univerzitetna koda predmeta / University course code:** | 2-PZ-MAG-IP-MZ-2020-06-30 |

| Predavanja<br>Lectures | Seminar<br>Seminar | Vaje<br>Tutorial | Klinične vaje<br>work | Druge oblike študija | Samost. delo Individ. work | ECTS |
|---|---|---|---|---|---|---|
| 30 | - | 20 | - | - | 100 | 5 |

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| **Nosilec predmeta / Lecturer:** | red. prof. dr. Nadja Damij |

| **Jeziki /<br>Languages:** | **Predavanja /<br>Lectures:** | Slovenski, angleški / Slovene, English |
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| | **Vaje / Tutorial:** | Slovenski, angleški / Slovene, English |

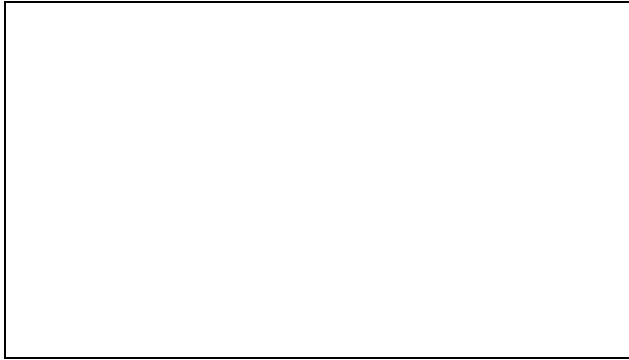| **Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:** | **Prerequisits:** |
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| Ni posebnih pogojev za vključitev v delo.<br><br>Študent/študentka mora pred pristopom k izpitu pripraviti in zagovarjati seminarsko nalogo. | There are no special prerequisites for the inclusion in work.<br><br>Prior to the exam, the student has to prepare and present seminar work. |

| **Vsebina:** | **Content (Syllabus outline):** |
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| • kaj je management znanja<br>• zgodovina managementa znanja<br>• ciklus managementa znanja<br>• modeli managementa znanja<br>• pridobivanje in hranjenje znanja<br>• strateška uporaba znanja<br>• praktična uporaba znanja<br>• orodja managementa znanja; orodja pridobivanja in arhiviranja znanja; orodja delitve in širjenja znanja | • what is knowledge management<br>• the history of Knowledge Management<br>• knowledge management cycles<br>• knowledge management models<br>• knowledge acquisition and gathering<br>• strategic use of knowledge<br>• practical application of knowledge<br>• knowledge management tools; tools acquisition and preservation of |

|  | knowledge; tools for sharing and dissemination of knowledge |
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## Temeljni literatura in viri / Readings:

- Dalkir, Kimiz. 2011. *Knowledge management in theory and practice*, 2nd ed., MIT Press.
- Jashapara, Ashok. 2010. *Knowledge management: An integrated approach, 2nd ed.*, Pearson Education Limited.
- Damij, Nadja. 2009. Management poslovnih procesov : modeliranje, simuliranje, inovacija in izboljšanje. Ljubljana: Vega.

| **Cilji in kompetence:** | **Objectives and competences:** |
| --- | --- |
| *Učna enota prispeva k razvoju naslednjih splošnih in predmetno specifičnih kompetenc:*<br>*Splošne kompetence:*<br><br>• Sposobnost fleksibilne uporabe znanja v praksi.<br>• Sposobnost skrbeti za kakovost strokovnega dela skozi avtonomnost, samoiniciativnost, (samo)kritičnost, (samo)refleksivnost in (samo)evalviranje.<br><br>*Predmetno-specifične kompetence:*<br>• poznavanje in razumevanje širokega nabora aplikacij informacijsko komunikacijske tehnologije v sodobni družbi<br>• poglobljeno razumevanje in kritično razmišljanje o zmožnostih in omejitvah informacijsko komunikacijskih tehnologij<br>• načrtovanje in obvladovanje sprememb ob oblikovanju celovite ocene stanja na področju informatizacije v organizaciji z upoštevanjem relavantnih vidikov<br>• sposobnost analize stanja na področju informatizacije organizacije in izdelave predlogov za izboljšanje stanja<br>• poznavanje in razumevanje kulturnih in družbenih procesov in sposobnost njihove kompleksne analize | *The instructional unit contributes to the development of the following general and subject-specific competences:*<br>*General competences:*<br><br>• The ability of flexible usage of knowledge in practice.<br>• The ability to manage quality of professional work through autonomy, initiative, as well as (self-)criticism, (self-)reflection and (self-)evaluation.<br><br>*Subject-specific competences:*<br>• knowledge and understanding of a wide range of applications of information communication technology in the modern society<br>• in-depth understanding and critical thinking regarding the possibilities and limitations of information and communication technologies<br>• planning and change management during comprehensive state evaluation in the field of informatization considering various relevant aspects<br>• competence to analyse the state in the field of informatization of an organisation and generate suggestions for the improvement of said state |

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| • uporaba in kombiniranje znanj z različnih disciplinarnih področij | • familiarity with and understanding of cultural and social processes and competence for their complex analysis<br>• use and combination of knowledge for various interdisciplinary fields |

**Predvideni študijski rezultati:**

Znanje in razumevanje:

*Sposobnost studenta/studentke bo:*
- poznati pomen znanja za uspešnost podjetja
- pridobivanje in shranjevanje eksplicitnega znanja
- pridobivanje tihega znanja od posameznih ekspertov podjetja in prenos le-tega na druge uslužbence

**Intended learning outcomes:**

Knowledge and understanding:

The student will be able to:
- understand the importance of knowledge for the performance of the company
- acquire and understand explicit knowledge
- acquire tacit knowledge of experts from various companies and transfer it to the other servants

**Metode poučevanja in učenja:**
- *predavanja* z aktivno udeležbo študentov (razlaga, diskusija, vprašanja, primeri, reševanje primerov)
- *vaje in laboratorijske vaje*
- individualne in skupinske *konzultacije* (diskusija, dodatna razlaga, obravnava specifičnih vprašanj)

**Learning and teaching methods:**
- *lectures* with active students' involvement (explanation, discussion, questions, examples, problem solving)
- lab work
- individual and group *consultations* (discussion, additional explanation, dealing with specific questions)

| Načini ocenjevanja: | Delež (v %) / Weight (in %) | Assessment: |
|---|---|---|
| Način (pisni izpit, ustno izpraševanje, naloge, projekt):<br><br>• pisni izpit<br>• seminarska naloga | <br><br>50 %<br>50 % | Type (examination, oral, coursework, project):<br><br>• written exam<br>• seminar work |

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

- DAMIJ, Nadja, DAMIJ, Talib. Process management : a multi-disciplinary guide to theory, modeling, and methodology, (Progress in IS). Berlin; Heidelberg: Springer, cop. 2014. XVI, 213 str., ilustr. ISBN 978-3-642-36638-3, doi: 10.1007/978-3-642-36639-0.
- AGREŽ, Jernej, DAMIJ, Nadja. A knowledge management approach to the loosely coupled systems. Information resources management journal : an official publication of the Information Resources Management Association, ISSN 1040-1628, 2016, vol. 29, iss. 1, str. 75-90, doi: 10.4018/IRMJ.2016010105.
- AGREŽ, Jernej, DAMIJ, Nadja. Knowledge dynamics assessment in complex organizational systems : a missing person investigation case study. Central European Journal of Operations Research, ISSN 1435-246X, 2015, vol. 23, iss. 3, str. 527-545, doi: 10.1007/s10100-014-0368-1.
- DAMIJ, Nadja, LEVNAJIĆ, Zoran, REJEC SKRT, Vesna, SUKLAN, Jana. What motivates us for work?, Intricate web of factors beyond money and prestige. PloS one, ISSN 1932-6203, 2015, vol. 10, no. 7, str. e0132641-1-e0132641-13, doi: 10.1371/journal.pone.0132641.
- TASEVSKA, Frosina, DAMIJ, Talib, DAMIJ, Nadja. Project planning practices based on enterprise resource planning systems in small and medium enterprises - a case study from the Republic of Macedonia. International journal of project management, ISSN 0263-7863. [Print ed.], 2014, vol. 32, iss. 3, str. 529-538, doi: 10.1016/j.ijproman.2013.08.001.