

**UČNI NAČRT PREDMETA / COURSE SYLLABUS**

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| <b>Ime predmeta:</b> | OSNOVE LOGISTIKE    |
| <b>Course title:</b> | BASICS OF LOGISTICS |

| <b>Študijski program in stopnja</b><br>Study programme and cycle   | <b>Študijska smer</b><br>Study option | <b>Letnik</b><br>Year of study | <b>Semester</b><br>Semester |
|--|---------------------------------------|--------------------------------|-----------------------------|
| GOSPODARSKA IN TEHNIŠKA<br>LOGISTIKA 1. stopnja  |                                       | 1.                             | 1.                          |
| PROFESSIONAL HIGHER<br>EDUCATION STUDY PROGRAMME<br>ECONOMIC AND TECHNICAL<br>LOGISTICS 1 <sup>st</sup> degree |                                       | 1.                             | 1.                          |

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| <b>Vrsta predmeta (obvezni ali izbirni) /</b><br>Course type (compulsory or elective) | OBVEZNI    |
|   | COMPULSORY |

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| <b>Univerzitetna koda predmeta / University course code:</b> | VS |
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| <b>Predavanja</b><br>Lectures | <b>Seminar</b><br>Seminar | <b>Vaje</b><br>Tutorial | <b>Klinične vaje</b><br>Clinical<br>training | <b>Druge oblike študija</b><br>Other forms<br>of study | <b>Samost. delo</b><br>Individual<br>work | <b>ECTS</b> |
|-------------------------------|---------------------------|-------------------------|--|--|---|-------------|
| 36 a-P<br>24 e-P              |                           | 21 a-V<br>9 e-V         |  |  | 90  | 6           |

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| <b>Nosilec predmeta / Course coordinator:</b> | UROŠ KRAMAR |
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| <b>Jeziki /Languages:</b> | <b>Predavanja / Lectures:</b> | SLOVENSKI/SLOVENE |
|                           | <b>Vaje / Tutorial:</b>       | SLOVENSKI/SLOVENE |

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

| <b>Vsebina (kratek pregled učnega načrta):</b>  | <b>Content (syllabus outline):</b>   |
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| <ul style="list-style-type: none"> <li>• Razvoj logistike in njena vloga v modernem gospodarskem okolju</li> <li>• Naloge in cilji sodobne logistike</li> <li>• Logistika kot sistem in njeni podsistemi</li> <li>• Logistika kot vir konkurenčne prednosti</li> <li>• Tehnologija v logistiki</li> <li>• Logistika v Sloveniji</li> <li>• Povezava med logistiko in oskrbovalnimi verigami</li> <li>• Struktura oskrbovalnih verig in njeno upravljanje</li> <li>• Dejavniki globalnih oskrbovalnih verig</li> </ul> | <ul style="list-style-type: none"> <li>• Development of logistics and its role in the modern economic environment</li> <li>• Tasks and goals of modern logistics</li> <li>• Logistics as a system and sub-systems of logistics</li> <li>• Logistics as a source of competitive advantage</li> <li>• Logistics technology</li> <li>• Logistics in Slovenia</li> <li>• The link between logistics and supply chains</li> <li>• Supply chain structure and Supply chain management</li> <li>• Drivers of supply chain</li> <li>• Trends and strategies in global logistics and supply chains</li> </ul> |

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| <ul style="list-style-type: none"> <li>• Trendi in strategije v svetovni logistiki in oskrbovalnih verigah</li> </ul> |  |
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### Temeljni literatura in viri / Reading materials:

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| <p>Temeljni literatura in viri / Textbooks:<br/>E-gradivo predmeta. 2020<br/>Kramar, U. (2014) <i>Osnove logistike : skripta za predmet</i>. 1. izd. Celje: Fakulteta za logistiko. Posodobljena izdaja 2020<br/>Izbrana poglavja iz/Some Chapters from:<br/>Murphy, P. R. In Knemeyer, A. M. (2018). <i>Contemporary Logistics (Global Edition)</i> – 12th ed. Pearson<br/>Christopher, M. (2011). <i>Logistics and Supply Chain Management</i> –4th ed. Pearson Education, Inc.<br/>Orbanič, J. in Rosi, B. (2017). <i>Razvoj transporta, logistike in mobilnostni v Sloveniji</i>. Celje: Fakulteta za logistiko Univerze v Mariboru.<br/>Waters, D. (2003). <i>Logistics: An Introduction to Supply Chain Management</i>. Palgrave.<br/>Chopra, S. and Meindl, P. (2016). <i>Supply chain management: strategy, planning, and operation</i>—6th ed. Pearson Education, Inc.</p> |
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### Cilji in kompetence:

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| <p>Cilji predmeta so:</p> <ul style="list-style-type: none"> <li>• Opisati in prepoznati vlogo logistike skozi čas</li> <li>• Pridobiti temeljna znanja o logistiki in in vlogi logistike v sodobnem svetu.</li> <li>• Opredeliti in pojasniti strukturo logistike kot sistema in njenih podsistemov</li> <li>• Seznaniti študente s svetovnimi trendi in povezanostjo z logistiko in oskrbovalnimi verigami</li> <li>• Pridobiti osnovna znanja o oskrbovalnih verigah in povezanostjo med logistiko in oskrbovalnimi verigami</li> <li>• Razumeti povezavo med logistiko in oskrbovalnimi verigami</li> </ul> <p>Kompetence, ki jih študentje osvojijo:</p> <ul style="list-style-type: none"> <li>• prepoznajo cilje, naloge in vlogo logistike v podjetjih/organizacijah</li> <li>• pridobijo teoretično znanje s področja temeljnega razumevanja logistike</li> <li>• identificirajo in interpretirajo logistične podsisteme</li> <li>• pridobijo teoretično znanje s področja osnov upravljanja oskrbovalnih verig</li> <li>• razumejo povezanost svetovnih trendov, logistike in oskrbovalnih verig</li> </ul> |
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### Objectives and competences:

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| <p>The objectives of the course are:</p> <ul style="list-style-type: none"> <li>• Describe and identify the role of logistics over time</li> <li>• Acquire basic knowledge about logistics and the role of logistics in the modern world.</li> <li>• Define and explain the structure of logistics as a system and its subsystems</li> <li>• To acquaint students with global trends and connections with logistics and supply chains</li> <li>• Acquire basic knowledge about supply chains and the connection between logistics and supply chains</li> <li>• Understand the link between logistics and supply chains</li> </ul> <p>Competences that students acquire:</p> <ul style="list-style-type: none"> <li>• identify the goals, tasks and role of logistics in companies / organizations</li> <li>• acquire theoretical knowledge in the field of basic understanding of logistics</li> <li>• identify and interpret logistics subsystems</li> <li>• acquire theoretical knowledge in the field of the basics of supply chain management</li> <li>• understand the interconnectedness of global trends, logistics and supply chains</li> </ul> |
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**Predvideni študijski rezultati:**

Študent je sposoben:

- definirati logistiko in oskrbovalne verige
- opisati in pojasniti osnovne cilje in naloge logistike ter njeno koristnost
- predstaviti in razložiti vlogo logistike skozi čas
- opredeliti in prepoznati logistične podsisteme
- opisati in razložiti vlogo logistike v sodobnem gospodarskem okolju
- opisati povezavo tehnologije in logistike
- predstaviti logistiko v Sloveniji in globalnem okolju
- prepoznati povezavo med logistiko in oskrbovalnimi verigami
- klasificirati dejavnike, ki vplivajo na oskrbovalne verige
- pojasniti strukturo oskrbovalnih verig
- predstaviti svetovne trende in umestiti logistiko v globalne oskrbovalne tokove

**Intended learning outcomes:**

The student can:

- define logistics and supply chains
- describe and explain the primary goals and tasks of logistics and its usefulness
- present and explain the role of logistics over time
- identify and identify logistics subsystems
- describe and explain the role of logistics in the modern economic environment
- describe the connection between technology and logistics
- to present logistics in Slovenia and the global environment
- identify the link between logistics and supply chains
- classify factors affecting supply chains
- explain the structure of supply chains
- present global trends and place logistics in global supply flows

**Metode poučevanja in učenja:**

Predmet vključuje različne metode poučevanja in učenja, kot so: predavanja, diskusijske skupine, video predstavitve in filmi, primeri iz prakse ter predstavitve in samostojni študij študentov.

Predavanja: pri predavanjih študent spozna teoretične vsebine predmeta. Del predavanj se izvaja na klasični način v predavalnici, del pa v obliki e-predavanj (e-predavanja se lahko izvajajo na videokonferenčni način ali s pomočjo posebej v ta namen didaktično pripravljenih e-gradiv v virtualnem elektronskem učnem okolju).

Vaje: pri vajah študent utrdi teoretično znanje in spozna aplikativne možnosti. Del vaj se izvaja na klasični način v predavalnici, del pa v obliki e-vaj (e-vaje se lahko izvajajo na videokonferenčni način ali s pomočjo posebej v ta namen didaktično pripravljenih e-gradiv v virtualnem elektronskem učnem okolju).

**Learning and teaching methods:**

This course uses a range of teaching methods including lectures, discussion groups, videos and films, case studies, student presentation and independent study of students.

Lectures: students understand the theoretical frameworks of the course. Part of the lecture course is in a classroom while the rest is in the form of e-learning (e-lectures may be given via video-conferencing or with the help of specially designed e-material in a virtual electronic learning environment).

Tutorials: Students enhance their theoretical knowledge and are able to apply it. Part of the seminar is in a classroom while the rest is in the form of e-learning (e-tutorials may be given via video-conferencing or with the help of specially designed e-material in a virtual electronic learning environment).

**Načini ocenjevanja:**

Delež (v %) /

Share (in %)

**Assessment methods:**

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| • Opravljene obveznosti e-predavanj in e-vaj so pogoj za pristop k izpitu. | 10% | • Successful completion of e-lectures and e-tutorial is a prerequisite for entering the exam. |
| • Seminarska naloga (v sklopu samostojnega dela).                          |     |   |
| • Pisni izpit.   | 90% | • Written examination.  |

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

- KRAMAR, Uroš, STERNAD, Marjan, CVAHTE OJSTERŠEK, Tina. Logistics performance and its connection to competitiveness of the national economy in Slovenia and the Visegrad Group. *European perspectives : journal on European perspectives of the Western Balkans*. Oct. 2015, vol. 7, no. 2, str. 83-100, ilustr. ISSN 1855-7694. [COBISS.SI-ID 512726589]
- KRAMAR, Uroš. Processes approach as a challenge to optimize logistics. V: AKBULATOV, Ė. Š. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy IX Meždunarodnoj naučno-praktičeskoj konferencii (21-22 marta 2019 g., Krasnojarsk) : èlektronnyj sbornik = Logistic systems in global economy : proceedings IX of International Scientific-Practical Conference (21-22 [March], 2019, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj universitet nauki i tehnologij imeni akademika M. F. Rešetneva: = Reshetnev Siberian State University of Science and Technology, 2019. Str. 38-42. <https://disk.sibsau.ru/index.php/s/tILZpoxBvGrQH4I>. [COBISS.SI-ID 513013821]
- KRAMAR, Uroš. 7 waste approach to improve the efficiency of logistics. V: AKBULATOV, Ė. Š. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy IX Meždunarodnoj naučno-praktičeskoj konferencii (21-22 marta 2019 g., Krasnojarsk) : èlektronnyj sbornik = Logistic systems in global economy : proceedings IX of International Scientific-Practical Conference (21-22 [March], 2019, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj universitet nauki i tehnologij imeni akademika M. F. Rešetneva: = Reshetnev Siberian State University of Science and Technology, 2019. Str. 34-37. <https://disk.sibsau.ru/index.php/s/tILZpoxBvGrQH4I>. [COBISS.SI-ID 513014077]
- KRAMAR, Uroš. The influence of industry 4.0 on logistics. V: DEREVYANYKH, D. N. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy VIII Meždunarodnoj naučno-praktičeskoj konferencii (02 marta 2018 g., Krasnojarsk) : elektronnyj sbornik = Logistic systems in global economy : proceedings VIII of International Scientific-Practical Conference (02 March, 2018, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj aerokozmičeskij universitet imeni akademika M. F. Rešetneva, 2018. Str. 23-26. [http://vseup.ru/static/files/logist\\_sistemy\\_2018.pdf](http://vseup.ru/static/files/logist_sistemy_2018.pdf). [COBISS.SI-ID 512915261]
- KRAMAR, Uroš. Logistics as a source of economic benefits. V: DEREVYANYKH, D. N. (ur.). *Logističeskie sistemy v global'noj èkonomike : materialy VIII Meždunarodnoj naučno-praktičeskoj konferencii (02 marta 2018 g., Krasnojarsk) : elektronnyj sbornik = Logistic systems in global economy : proceedings VIII of International Scientific-Practical Conference (02 March, 2018, Krasnoyarsk) : electronic collection*. Krasnojarsk: Sibirskij gosudarstvennyj aerokozmičeskij universitet imeni akademika M. F. Rešetneva, 2018. Str. 18-22. [http://vseup.ru/static/files/logist\\_sistemy\\_2018.pdf](http://vseup.ru/static/files/logist_sistemy_2018.pdf). [COBISS.SI-ID 512967997]
- KRAMAR, Uroš. The role of logistics in enhancing the effectiveness and efficiency of a company. V: DRAŠKOVIĆ, Veselin. *Management and logistics : selected topics*. 1st electronic ed. Czestochowa [etc.]: SPH - Scientific Publishing Hub, 2016. Str. 55-68, ilustr. ISBN 978-961-6948-06-7. <http://sphub.org/books/management-and-logistics>, <https://dk.um.si/IzpisGradiva.php?id=70380>. [COBISS.SI-ID 512763709]