UČNI NAČRT PREDMETA / COURSE SYLLABUS

Predmet:	**Pravo in umetna inteligenca**
Course title:	**Law and AI**

Študijski program in stopnja **Study programme and level**	**Študijska smer** **Study field**	**Letnik** **Academic year**	**Semester** **Semester**
Pravo 2. stopnje		1	2
Law 2nd Degree		1	2

Vrsta predmeta / Course type:	obvezni modularni/mandatory modular
Koda predmeta /Course code:	

Predavanja **Lectures**	**Seminar** **Seminar**	**Vaje** **Tutorial**	**Druge oblike študija** **Other type study**	**Samost. delo** **Individual work**	**ECTS**
30	0	0	0	120	6

Nosilec predmeta / Lecturer:		prof. dr. Matej Avbelj /prof. Matej Avbelj, PhD
Jeziki/Languages:	Predavanja / Lectures:	slovenski jezik/Slovenian
	Seminar / Seminar:	slovenski jezik/Slovenian

Pogoji za vključitev v delo oz. za opravljanje študijskih obveznosti:	**Prerequisites:**
Zahteva se vsaj 80 % prisotnost na predavanjih.	At least 80% attendance at lectures is required.

Vsebina:	**Content (Syllabus outline):**
Razvoj umetne inteligence predstavlja izvedbeno fazo digitalne revolucije, kateri je podvrženo človeštvo 21. stoletja. Kot v primeru preteklih ekonomskih in tehnoloških revolucij naša družba ne bo več enaka. To velja tudi za pravo in pravnike, ki so hkrati produkt in regulator družbe. V zadevanju tega je študentom prava, kakor tudi vsem ostalim slušateljem Nove univerze, treba ponuditi predmet, ki bo celovito predstavil razvoj umetne inteligence po tehnološki plati, tako da bodo razumeli priložnosti in tveganja, ki jih umetna inteligenca prinaša za pravno državo, pravniške poklice, kakor tudi za sam študij prava. 1. Zgodovinski razvoj umetne inteligence 2. Najaktualnejši produkti umetne inteligence 3. Pravna regulacija umetne inteligence 4. Vpliv umetne inteligence na študij prava 5. Izzivi umetne inteligence za javno pravo 6. Izzivi umetne inteligence za zasebno pravo 7. Študije primerov	The development of artificial intelligence represents the implementation phase of the digital revolution to which humanity of the 21st century is subjected. Just like in previous economic and technological revolutions, our society will no longer be the same. This also applies to law and lawyers, who are both products and regulators of society. In this regard, it is necessary to offer law students, as well as all other students at Nova univerza, a subject that comprehensively presents the development of artificial intelligence from a technological perspective, so that they understand the opportunities and risks that artificial intelligence brings to the rule of law, legal professions, and the study of law. 1. Historical Development of Artificial Intelligence 2. Latest Products of Artificial Intelligence 3. Legal Regulation of Artificial Intelligence 4. Impact of Artificial Intelligence on the Study of Law 5. Challenges of Artificial Intelligence for Public Law 6. Challenges of Artificial Intelligence for Private Law 7. Case Studies

Temeljna literatura in viri / Readings:

1. M. Avbelj, Reconceptualizing Constitutionalism in the AI Run Algorithmic Society, https://www.cambridge.org/core/services/aop-cambridge-core/content/view/F83A866AD4B9A80BA3622F49D63AF725/S207183222400035Xa.pdf/reconceptualizing_constitutionalism_in_the_ai_run_algorithmic_society.pdf. 2. H. Surden, AI and Law: an overview, Harry Surden, Artificial Intelligence and Law: An Overview, 35 Ga. St. U. L. Rev. (2019), https://gsulawreview.org/article/15109.pdf. 3. EU Uredba o umetni inteligenci: https://digital-strategy.ec.europa.eu/en/policies/regulatory-framework-ai. 4. European Commission, Historical Evolution of Artificial Intelligence: Analysis of the Three Main Paradigm Shfits, https://publications.jrc.ec.europa.eu/repository/handle/JRC120469. 5. P. Sales, Algorithms, Artificial Intelligence and the Law, https://judicature.duke.edu/wp-content/uploads/2021/04/Sales_Spring2021.pdf. 6. J. H. Choi, K. E. Hickman, A. B. Monahan, D. Schwarcz, ChatGPT Goes to Law School, https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4335905 Podrobnejša literatura in sodna praksa sta navedeni v syllabusu predmeta.

Cilji in kompetence:

Študentje bodo razvili **splošne kompetence**: • uporaba ustreznih metod pravnega raziskovanja, njihovih postopkov, analize in sinteze; • razvoj etičnih sposobnosti pri razumevanju in uporabi umetne inteligence; • sposobnost skupinskega dela in pripravljenosti za sodelovanje pri reševanju konkretnih primerov s pomočjo umetne inteligence; • razvoj komunikacijskih sposobnosti in veščin pri razumevanju in uporabi umetne inteligence. • razvoj veščin javnega nastopanja in predstavitev s pomočjo umetne inteligence.
Študentje bodo razvili **predmetno-specifične kompetence**: • poznavanje in razumevanje tehnološkega razvoja umetne inteligence • poznavanje najnovejših produktov umetne inteligence • razumeti vpliv umetne inteligence na študij prava • poznati in razumeti obseg in pomen pravne regulacije umetne inteligence • poznati in razumeti vpliv umetne inteligence na javno in zasebno pravo

Objectives and competences:

Students will develop the following **general competences**: • Application of appropriate methods of legal research, their procedures, analysis, and synthesis. • Development of ethical capabilities in understanding and utilizing artificial intelligence. • Ability to work in a team and willingness to collaborate in solving specific cases using artificial intelligence. • Development of communication skills and proficiency in understanding and utilizing artificial intelligence. • Development of public speaking skills and presentations using artificial intelligence.
Students will develop the following **course-specific competences:** • Understanding and comprehension of the technological development of artificial intelligence • Familiarity with the latest products of artificial intelligence • Understanding the impact of artificial intelligence on the study of law • Knowing and understanding the scope and significance of legal regulation of artificial intelligence

Predvideni študijski rezultati:
Znanje in razumevanje:

Študent:

- se bo seznanil študentov s tehnološko zgodovino razvoja umetne inteligence;
- bo spoznal ključne problematike umetne inteligence.
- bo imel sposobnost samostojnega razvoja ustvarjalnih rešitev za izboljšanje rabe in regulacije umetne inteligence;
- bo imel sposobnost uporabe umetne inteligence v okviru pravnega študija in pravniških poklicev.

Intended learning outcomes:
Knowledge and understanding:

Student:

- Familiarize with the technological history of artificial intelligence development.
- Understand the key issues of artificial intelligence.
- Will be able to independently develop creative solutions to enhance the use and regulation of artificial intelligence.
- Will be able to utilize artificial intelligence within the context of legal studies and legal professions.

Metode poučevanja in učenja:

Oblike dela:
☒ Frontalna oblika poučevanja
☐ Delo v manjših skupinah oz. individualno
☒ Samostojno delo študentov
☒ študij s pomočjo IKT tehnologije
☐ drugo (vpišite) _____

Metode (načini) dela:
☒ Razlaga
☒ Razgovor/ diskusija/debata
☒ Delo z besedilom
☒ Proučevanje primerov raziskav
☐ Igra vlog
☐ Druge vrste nastopov študentov
☐ Reševanje nalog/vaje
☐ Študijski obiski podjetij ipd.)
☐ Vključevanje gostov iz prakse
☐ Udeležba na okrogli mizi, na konferenci

Learning and teaching methods:

Types of learning/teaching:
☒ Frontal teaching
☐ Work in smaller groups or individual work
☒ Independent students work
☒ studies using ICT technology
☐ other _____

Teaching methods:
☒ Explanation
☒ Conversation/discussion/debate
☒ Work with texts
☒ Research case studies
☐ Role-play
☐ Different presentation
☐ Solving exercises/study exercises
☐ Field work (e.g. company visits)
☐ Inviting guests from companies
☐ Attending round table and conference

Načini ocenjevanja:
Način (pisni izpit, ustno izpraševanje, naloge, projekt)

Teža (v %) / Weight (in %)

Assessment:
Type (examination, oral, coursework, project)

Sprotno ustno (aktivno sodelovanje pri kontaktnih urah in pri raziskavah)		Oral verification and assessment of knowledge
Sprotno pisno preverjanje znanja (krajši pisni izdelki)		Written verification and assessment of knowledge (short written casework)
Daljši pisni izdelki (seminarska naloga, projektna naloga, raziskovalna poročila)	**100**	Longer written casework
Javni nastop in predstavitev lastnega raziskovalnega dela		Public presentation of one's research
Končni ustni izpit		Final examination (oral)
Končni pisni izpit		Final examination (written)
Drugo (vpišite)		Other:

Reference nosilca / Lecture's references:

Dr. Matej Avbelj je profesor za evropsko pravo na Novi univerzi. Doktoriral je na Evropskem univerzitetnem inštitutu v Firencah, magistriral na NYU School of Law in diplomiral na Pravni fakulteti Univerze v Ljubljani. Kot sodniški pripravnik je služboval na Višjem sodišču v Ljubljani, praktične izkušnje pa je nabiral tudi v Evropskem parlamentu kot Robert Schuman stažist v oddelku za ustavne zadeve. Njegovo raziskovanje in

akademsko delo je osredotočeno na pravo EU, ustavno pravo in teorijo prava. Aktiven je tudi v stanovskih akademskih in civilnodružbenih iniciativah tako doma kot po svetu. Njegova bibliografija je dostopna na: http://splet02.izum.si/cobiss/bibliography?code=31643&langbib=eng.

Matej Avbelj is a Professor of European Law at the New University. He holds a PhD from the EUI and LLM from NYU School of Law. He graduated from Ljubljana Law School. He clerked in the European Parliament and at the Slovenian Court of Appeals. His academic and research work is focused on the law of the European Union, constitutional law and legal theory. He is active in professional associations and NGOs in Slovenia and abroad. His bibliography can be accessed here:
http://splet02.izum.si/cobiss/bibliography?code=31643&langbib=eng.