Subject name:	Artificial Intelligence Law and its Interfaces 1.
Subject coordinator:	dr. Aczél-Partos Adrienn
Responsible department:	Legal Informatics Education Group
Category of the subject:	written assignment
Position of the subject in the	2.
curriculum:	
Required preliminary studies (<i>if any</i>):	-
Language of the subject:	Hungarian
Brief subject description:	The course aims to provide students with comprehensive and
	structured knowledge of the legal aspects of artificial intelligence, with
	particular focus on the current state of the regulatory environment and
	its directions of development. In line with the educational and outcome
	requirements, the subject primarily focuses on the profession-specific
	insights into interdisciplinary connections beyond the classical
	hisights into interdisciplinary connections beyond the classical
Theoretical knowledge to be	Following an introduction to the concept and functioning of artificial
acquired:	intelligence, the course examines relevant aspects across various legal
	fields. After an international overview, it addresses cybersecurity
	regulations and the cybersecurity challenges posed by artificial
	intelligence. Finally, it explores governance aspects of AI and its
	integration into organizational operations.
Practical knowledge to be acquired:	Session 1: Introduction to the Legal Applications of Artificial
	Intelligence
	Basic AI concepts in the legal context
	The development of artificial intelligence and current trends in law
	Discussion: opportunities and challenges
	Session 2: Legal Information Systems and Al Integration
	Fundamentals of legal information retrieval
	Al-based legal databases and search using Al tools
	Session 3: Fundamentals of Large Language Models (LLMs)
	Architecture and functioning of LLMs
	Use cases in legal research and practice
	Demonstration: trying out LLM interfaces
	Session 4: Critical Evaluation of LLM Outputs
	Methodologies for evaluating AI-generated legal content
	Recognizing limitations and biases of AI tools
	Group analysis and case study
	Session 5: Ethical and Regulatory Issues in AI Legal Applications
	Overview of current and upcoming legal regulations related to AI
	Ethical considerations in AI use in law
	Debate: regulation versus innovation
	Session 6: Practical Workshop I – AI-Supported Legal Research
	Guided exercises using LLMs for legal questions
	Small group problem-solving
	Session /: Practical workshop II – Legal Document Analysis with Al
	Automated document processing and summarization
	Livelualing the actuacy and enrichency of Al
	Derspectives from computer science legal informatics and othics
	Guest lecture or panel discussion (ontional)

	Session 9: Student Presentations I
	Group presentations on AI applications in various legal fields Feedback from peers and instructor
	Session 10: Student Presentations II
	Continuation of presentations
	Focus topic: implementation challenges and risk management
	Session 11: Future Trends in AI and Law
	New technologies and their anticipated impact on legal practice
	Scenario analysis and strategic planning
	Session 12: Course Summary and Reflection
	Summary of key learnings
	Discussion of research directions and professional ennertunities
	Discussion of research directions and professional opportunities
List of the most important required literature (2–4 pieces) with bibliographical details	The content presented during the practical sessions and the slides shown in class constitute the required course material. As this is a rapidly evolving field, there is no designated mandatory literature due to the high risk of rapid obsolescence.
List of the most important recommended literature (2–4 pieces) with bibliographical details	Chen, Robert H.: Artificial intelligence: an introduction for the inquisitive reader. Boca Raton, [Fl.]: CRC Press, Taylor & Francis Group, 2022. ISBN 9781032101842
	Eliot, Lance B.: Artificial intelligence and LegalTech essential. [S.l.]: LBE Press Publ, 2020. ISBN 9781734601633
	Kerrigan, Charles (edited by): Artificial intelligence: law and regulation. <u>Cheltenham</u> , <u>Northampton [Massachusetts]</u> : <u>Elgar</u> , 2022. ISBN 9781800371712
	Kurzweil, Raymond: A szingularitás küszöbén: amikor az emberiség meghaladja a biológiát. [Budapest]: Ad Astra K, 2014. ISBN 9786155229251
	Rébé, Nathalie: Artificial intelligence: robot law, policy, and ethics. Leiden, Boston: Brill Nijhoff, 2021. ISBN 9789004458093
Applied teaching methods:	During the semester, group work will take place in several practical
	sessions. Knowledge transfer during individual classes primarily occurs
	through presentations. To complete the course requirements, students
	will prepare and submit a group project at the end of the semester.
Form of evaluation:	Written assignment (in three-grade system)
Evaluation criteria:	A maximum of two absences is permitted during the semester. Any
	signature
	Students will work in small groups to prepare and present a topic of
	their choice related to a legal field, analyzing how that field operates
	with the support of technological tools. A written supplement to the
	presentation must be submitted in PowerPoint format.
Contribution of the subject to the	a) knowledge: T8, T9, T12, T17, T18
acquisition of competence elements	b) skills: K3, K5, K6, K10, K12, K14, K16, K27, K31, K32
as defined in the Training and	c) attitude: A1, A2, A6, A7, A13, A18
Outcome Requirements.	d) autonomy and responsibility: F3, F4, F8

Lecturer(s) involved in the teaching of the subject:	dr. Rádi Vilmos