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 curriculum:	**2.**
Required preliminary studies *(if any)*:	**-**
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 knowledge areas relevant to legal practice, while also offering students insights into interdisciplinary connections beyond the classical branches of law.**
Theoretical knowledge to be acquired:	Following an introduction to the concept and functioning of artificial 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 AI Integration** Fundamentals of legal information retrieval AI-based legal databases and search tools Practical exercise: basic legal search using AI 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 7: Practical Workshop II – Legal Document Analysis with AI** Automated document processing and summarization Evaluating the accuracy and efficiency of AI **Session 8: Interdisciplinary Approaches to AI and Law** Perspectives from computer science, legal informatics, and ethics Guest lecture or panel discussion (optional)

	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 Open forum for questions and feedback Discussion of research directions and professional opportunities
List of the most important required literature (2–4 pieces) with bibliographical details (author, title, edition or specific pages, ISBN)	**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 (author, title, edition or specific pages, ISBN)	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. Cheltenham, Northampton [Massachusetts]: Elgar, 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 *(exam / pract. mark / other)*:	Written assignment (in three-grade system)
Evaluation criteria:	**A maximum of two absences is permitted during the semester. Any additional unexcused absences will result in the denial of the course 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 acquisition of competence elements as defined in the Training and Outcome Requirements	**a) tudása: T8, T9, T12, T17, T18** **b) képességei: K3, K5, K6, K10, K12, K14, K16, K27, K31, K32** **c) attitűdje: A1, A2, A6, A7, A13, A18** **d) autonómiája és felelőssége: F3, F4, F8**
Lecturer(s) involved in the teaching of the subject, if any:	**dr. Rádi Vilmos**