

Content

| Course Code | Course Name | Semester | Theory | Practice | Lab | Credit | ECTS |
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| HUK364 | AI Law and Policy | 6 | 2 | 0 | 0 | 2 | 2 |

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| Prerequisites | |
| Admission Requirements | |

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| Language of Instruction | English |
| Course Type | Elective |
| Course Level | Bachelor Degree |
| Objective | -The aim of this course is to introduce students to the principles of technology policy and regulation, its interaction with law, and the emerging regulatory framework surrounding artificial intelligence with a specific focus on the European Union's AI Act. |
| Content | <p>-Week 1: Introduction</p> <p>Week 2: Technology law, regulation, and policy</p> <ul style="list-style-type: none"> - Roger BROWNSWORD / Karen YEUNG, <i>Regulating Technologies: Legal Futures, Regulatory Frames and Technological Fixes</i>, Hart Publishing, 2008. - David HENRY, <i>Designing Tech Policy: Instructional Case Studies for Technologists and Policymakers</i>, University of Washington Tech Policy Lab. - Julia BLACK, <i>Forms and Paradoxes of Principles Based Regulation</i>, 2008. - Lawrence LESSIG, <i>Codes and Other Laws of Cyberspace</i>, 2006. <p>Week 3: What is AI as a regulatory subject matter?</p> <ul style="list-style-type: none"> - The AI Index Report, Stanford University, 2016-2023. - Jonas SCHUETT, <i>A Legal Definition of AI</i>, arXiv, 2019. - European Commission Joint Research Centre, <i>AI Watch – Defining Artificial Intelligence</i>, 2020. - Isabel TRANCOSO / Nuno MAMEDE / Bruno MARTINS / H. Sofia PINTO / Ricardo RIBEIRO, <i>"The Impact of Language Technologies in the Legal Domain"</i>, <i>Multidisciplinary Perspectives on Artificial Intelligence and the Law</i>, Springer, 2024. - Rembrandt DEVILLE / Nico SERGEYSSELS / Catherine MIDDAG, <i>"Basic Concepts of AI for Legal Scholars"</i>, <i>Artificial Intelligence and the Law</i>, Intersentia, 2021. <p>Week 4: AI and data protection law</p> <ul style="list-style-type: none"> - Ralf POSCHER, <i>"Artificial Intelligence and the Right to Data Protection"</i>, <i>The Cambridge Handbook of Responsible Artificial Intelligence</i>, Cambridge University Press, 2022. - Boris P. PAAL, <i>"Artificial Intelligence as a Challenge for Data Protection Law"</i>, <i>The Cambridge Handbook of Responsible Artificial Intelligence</i>, Cambridge University Press, 2022. - Wilfried HINSCH, <i>"Differences That Make a Difference"</i>, <i>The Cambridge Handbook of Responsible Artificial Intelligence</i>, Cambridge University Press, 2022. - Carl Vander MAELEN / Eva LIEVENS / Judith VERMEULEN / Ingrida MILKAITE, <i>"AI and Data Protection: The Case of Smart Home Assistants"</i>, <i>Artificial Intelligence and the Law</i>, Intersentia, 2021. <p>Week 5: AI and intellectual property law</p> <ul style="list-style-type: none"> - Pawel KSIEZAK / Sylwia WOJTCZAK, <i>"Copyright"</i>, <i>Toward a Conceptual Network for the Private Law of Artificial Intelligence</i>, 2023. - Aviv H. GAON, <i>The Future of Copyright in the Age of Artificial Intelligence</i>, Edward Elgar, 2021. - Jozefien VANHERPE, <i>"AI and IP: A Tale of Two Acronyms"</i>, <i>Artificial Intelligence and the Law</i>, Intersentia, 2021. <p>Week 6: AI and liability</p> <ul style="list-style-type: none"> - Christiana WENDEHOPST, <i>"Liability for Artificial Intelligence"</i>, <i>The Cambridge Handbook of Responsible</i> |

- CHRISTIANE WENDEFORST, *Liability for Artificial Intelligence*, The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.
- Beatriz A. RIBEIRO / Helder COELHO / Ana Elisabete FERREIRA / Joao BRANQUINHO, "Metacognition, Accountability and Legal Personhood of AI", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Ana Taveira DE FONSECA / Elsa Vaz DE SEQUIRA / Luis Barreto XAVIER, "Liability for AI Driven Systems", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Pawel KSIEZAK / Sylwia WOJTCZAK, "Liability of AI", *Toward a Conceptual Network for the Private Law of Artificial Intelligence*, 2023.
- Jan DE BRUYNE / Elias VAN GOOL / Thomas GILS, "Tort Law and Damage by AI Systems", *Artificial Intelligence and the Law*, Intersentia, 2021.

Week 7: International efforts in AI law and policy

- Thomas METZINGER, "Towards a Global Artificial Intelligence Charter", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Hannah VAN KOLFSCHOOTEN / Carmel SHACHAR, "The Council of Europe's AI Convention (2023-2024): Promises and pitfalls for health protection", *Healthy Policy*, Vol. 138, 2023.

Week 8 Midterm

Week 9 AI law and policy in the EU – 1

- Thomas BURRI, "The New Regulation of the European Union on Artificial Intelligence", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Nikos NIKOLINAKOS, "Launching a European Initiative on Artificial Intelligence" / "Ethical Principles for Trustworthy AI", *EU Policy and Legal Framework for Artificial Intelligence, Robotics and Related Technologies-The AI Act*, Springer, 2023.
- Ugo PAGALLO, "Dismantling Four Myths in AI & EU Law Through Legal Information 'About' Reality", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Joana Covelo DE ABREU, "The "Artificial Intelligence Act" Proposal on European e-Justice Domains Through the Lens of User-Focused, User-Friendly and Effective Judicial Protection Principles", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.

Week 10: AI law and policy in the EU – 2

- Katerina YORDANOVA / Natalie BERTELS, "Regulating AI: Challenges and the Way Forward Through Regulatory Sandboxes", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.
- Nikos NIKOLINAKOS, "The Proposed Artificial Intelligence Act and Subsequent 'Compromise' Proposals: Commission, Council, Parliament", *EU Policy and Legal Framework for Artificial Intelligence, Robotics and Related Technologies-The AI Act*, Springer, 2023.
- Rostam J. NEUWIRTH, *The EU Artificial Intelligence Act: Regulating Subliminal AI Systems*, Routledge, 2022.

Week 11-12: AI law and policy in the US and the UK

- Huw ROBERTS / Alexander BABUTA / Jessica MORLEY / Christopher THOMAS / Mariarosaria TADDEO / Luciano FLORIDI, "Artificial intelligence regulation in the United Kingdom: A path to good governance and global leadership?", *Internet Policy Review*, Vol. 12, No. 2, 2023, pp. 1-31.
- Yoon CHAE, "US AI Regulation Guide: Legislative Overview and Practical Considerations", *The Journal of Robotics, Artificial Intelligence & Law*, Vol. 3, No. 1, 2020, pp. 17-40.
- Executive Order on the Safe, Secure, and Trustworthy Development and Use of Artificial Intelligence, 30.10.2023.

Week 13: AI law and policy in China

- Weixing SHEN / Yun LIU, "China's Normative Systems for Responsible AI", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.
- Huw ROBERTS / Josh COWLS / Jessica MORLEY / Mariarosaria TADDEO / Vincent WANG / Luciano FLORIDI, "The Chinese approach to artificial intelligence: an analysis of policy, ethics, and regulation", *AI & Society*, Vol. 36, 2021, pp. 59-77.

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| | <p>Vol. 30, 2021, pp. 55-77.</p> <p>Week 14: AI law and policy in the future: What to expect?</p> <ul style="list-style-type: none"> - Mathias RISSE, "Artificial Intelligence and the Past, Present, and Future of Democracy", The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022. <p>Supplementary reading list:</p> <ul style="list-style-type: none"> - Martin EBERS / Cristina PONCIBO / Mimi ZOU, Contracting and Contract Law in the Age of Artificial Intelligence, Hart Publishing, 2022. - Michiel FIERENS / Stephanie ROSSELLO / Ellen WAUTERS, "Setting the Scene: On AI Ethics and Regulation", Artificial Intelligence and the Law, Intersentia, 2021. |
| References | <p>Supplementary reading list:</p> <ul style="list-style-type: none"> - Martin EBERS / Cristina PONCIBO / Mimi ZOU, Contracting and Contract Law in the Age of Artificial Intelligence, Hart Publishing, 2022. - Michiel FIERENS / Stephanie ROSSELLO / Ellen WAUTERS, "Setting the Scene: On AI Ethics and Regulation", Artificial Intelligence and the Law, Intersentia, 2021. |

Theory Topics

| Week | Weekly Contents |
|------|---|
| 1 | Introduction to AI from a legal and political perspective. |
| 2 | Relationship between AI law, policy and ethics |
| 3 | Why and how to regulate AI? |
| 4 | International AI policy developments |
| 5 | Council of Europe Framework Convention |
| 6 | Main regulatory approaches to AI |
| 7 | AI Law and Policy in Türkiye: What Is the Current Situation? |
| 8 | EU Artificial Intelligence Act 1 - Introduction and scope |
| 9 | EU Artificial Intelligence Act 2 - Risk-based approach |
| 10 | EU Artificial Intelligence Act 3 - Obligations for AI system and GPAI model operators |
| 11 | EU Artificial Intelligence Act 4 - Enforcement, governance, and penalties |
| 12 | US AI Law and Policy Developments |
| 13 | Southeast Asia Law and Policy Developments |
| 14 | AI law and policy in Türkiye: What to expect? |