

| 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

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.

-Week 1: Introduction

Week 2: Technology law, regulation, and policy

- Roger BROWNSWORD / Karen YEUNG, *Regulating Technologies: Legal Futures, Regulatory Frames and Technological Fixes*, Hart Publishing, 2008.- David HENRY, *Designing Tech Policy: Instructional Case Studies for Technologists and Policymakers*, University of Washington Tech Policy Lab.- Julia BLACK, *Forms and Paradoxes of Principles Based Regulation*, 2008.- Lawrence LESSIG, *Codes and Other Laws of Cyberspace*, 2006.

Week 3: What is AI as a regulatory subject matter?

- The AI Index Report, Stanford University, 2016-2023.

- Jonas SCHUETT, *A Legal Definition of AI*, arXiv, 2019.- European Commission Joint Research Centre, *AI Watch – Defining Artificial Intelligence*, 2020.- Isabel TRANCOSO / Nuno MAMEDE / Bruno MARTINS / H. Sofia PINTO / Ricardo RIBEIRO, "The Impact of Language Technologies in the Legal Domain", *Multidisciplinary Perspectives on Artificial Intelligence and the Law*, Springer, 2024.- Rembrandt DEVILLE / Nico SERGEYSSELS / Catherine MIDDAG, "Basic Concepts of AI for Legal Scholars", *Artificial Intelligence and the Law*, Intersentia, 2021.

Week 4: AI and data protection law

- Ralf POSCHER, "Artificial Intelligence and the Right to Data Protection", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.- Boris P. PAAL, "Artificial Intelligence as a Challenge for Data Protection Law", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.- Wilfried HINSCH, "Differences That Make a Difference", *The Cambridge Handbook of Responsible Artificial Intelligence*, Cambridge University Press, 2022.- Carl Vander MAELEN / Eva LIEVENS / Judith VERMEULEN / Ingrida MILKAITE, "AI and Data Protection: The Case of Smart Home Assistants", *Artificial Intelligence and the Law*, Intersentia, 2021.

Week 5: AI and intellectual property law

- Pawel KSIEZAK / Sylwia WOJTCZAK, "Copyright", *Toward a Conceptual Network for the Private Law of Artificial Intelligence*, 2023.- Aviv H. GAON, *The Future of Copyright in the Age of Artificial Intelligence*, Edward Elgar, 2021.- Jozefien VANHERPE, "AI and IP: A Tale of Two Acronyms", *Artificial Intelligence and the Law*, Intersentia, 2021.

Week 6: AI and liability

- Christiane WENDEHORST, "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.

Content

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.

Week 14: AI law and policy in the future: What to expect?

- Mathias RISSE, “Artificial Intelligence and the Past, Present, and Future of Democracy”, The Cambridge Handbook of Responsible Artificial Intelligence, Cambridge University Press, 2022.

Supplementary reading list:

- 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.

Supplementary reading list:

- 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

Theory Topics

Week

Weekly Contents

1 Introduction to AI from a legal and political perspective.

| Week | Weekly Contents |
|-------------|---|
| 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? |