

Aristotle University of Thessaloniki

Faculty of Law

Bachelor of Laws (LL.B.)

Course Syllabus

1. Course Information

- **Title:** Digital Law
- **Code:** LLB36
- **ECTS:** 4
- **Hours per week:** 2
- **Academic Year:** 4th
- **Teaching Period:** Spring Semester
- **Mode of Delivery:** Face-to-Face
- **Language of Instruction/Assessment:** English
- **Course Type:** Mandatory

2. Course Description

This course provides a comprehensive introduction to the legal frameworks, institutional mechanisms, and regulatory challenges posed by digital technologies and digital infrastructures. It is structured around four interconnected thematic blocks: telecommunications regulation, digital transformation, artificial intelligence, and cybersecurity. The first part introduces the legal architecture of telecommunications and electronic communications networks, focusing on licensing, spectrum management, consumer protection, and the role of independent authorities such as the Hellenic Telecommunications and Post Commission (EETT) and the European Body of Regulators for Electronic Communications (BEREC). The second part addresses the regulatory dimensions of digital transformation, including the EU Digital Services and Digital

Markets Acts, data governance, and the technological, organisational, and ethical implications for public and private sector actors. In the third section, students are introduced to the legal and ethical challenges arising from the development and deployment of artificial intelligence systems, with emphasis on liability, transparency, intellectual property, and algorithmic fairness. The final section explores cybersecurity law, including threat response, encryption standards, crisis management, and key EU regulatory instruments such as the Cyber Resilience Act and the NIS2 Directive. The course adopts a comparative, interdisciplinary approach, combining doctrinal analysis with policy discussion and case studies from national, European, and global contexts.

3. Keywords

Telecommunications Regulation, Digital Transformation, Artificial Intelligence Law, Cybersecurity, EU Digital Policy

4. Learning Outcomes

Upon successful completion of this course, students will be able to:

1. **Describe** the legal and regulatory frameworks governing telecommunications, electronic communications, and emerging digital infrastructures at national and European level. (*Remembering*)
2. **Explain** the main challenges of digital transformation in public and private organisations and the legal tools used to regulate them. (*Understanding*)
3. **Apply** key legal principles and regulatory standards to practical problems concerning licensing, data governance, AI use, or cybersecurity incidents. (*Applying*)
4. **Analyse** the institutional roles and legal competences of national and EU regulators in overseeing digital networks and services. (*Analysing*)
5. **Evaluate** the legal and ethical implications of advanced digital technologies, including AI and automated systems, from a public policy and regulatory perspective. (*Evaluating*)

5. General Skills to Be Acquired

- Apply knowledge in practice

- Retrieve, analyse, and synthesise data and information
- Adapt to new situations
- Make decisions
- Work in an international context
- Work in an interdisciplinary team
- Generate new research ideas
- Appreciate diversity and multiculturalism
- Respect the natural environment
- Be critical and self-critical
- Advance free, creative, and causative thinking

6. Course Content (Topics)

1. **Introduction to Digital Law: Regulatory Structures and Technological Context**
– Defining the scope of digital law and mapping its legal intersections with technology, communications, and policy.
2. **Telecommunications Networks and Services: Legal Foundations and Sector Regulation** – Key concepts in the organisation and operation of telecommunications systems and electronic communications.
3. **Licensing, Spectrum Allocation, and Universal Service** – Legal rules governing access to telecommunications infrastructure and management of scarce public resources.
4. **Independent Authorities and Sectoral Supervision: EETT, ADAE, and BEREC** – The role of national and European regulators in overseeing communications and ensuring compliance.
5. **Digital Broadcasting and Media Regulation** – Licensing of private broadcasters in Greece and international legal standards for satellite and radio transmissions.
6. **Digital Transformation and Legal Governance** – Strategies, structures, and the legal implications of the digitalisation of public and private institutions.
7. **EU Digital Strategy: Digital Services Act, Digital Markets Act, and the Digital Single Market** – Overview of the EU's evolving legislative framework for regulating digital platforms and markets.

8. **Data Protection, Consumer Rights, and Cybersecurity in a Digital Environment** – Legal safeguards and regulatory responses to risks arising from digitised services and infrastructures.
9. **Confidentiality of Communications and Lifting of Secrecy: Legal Conditions and Oversight** – Balancing individual rights with regulatory and security imperatives.
10. **Artificial Intelligence and Communications Networks** – Legal implications of AI in network management, including algorithmic decision-making and 5G deployment.
11. **Liability and Ethical Challenges in AI Deployment** – Addressing responsibility, transparency, and bias in the use of intelligent systems.
12. **Cybersecurity and Crisis Management: National and EU Legal Frameworks** – Regulation under the Cyber Resilience Act, DORA, and NIS2 Directive, with case studies in incident response.

7. Teaching Methods

- Lectures.
- Case law workshops.
- Student presentations and structured debate.
- Guided reading and legal reasoning exercises.

8. Assessment Methods

Method	Weight	Description
Final Written Exam	70%	Essay-type and case-based questions
Mid-Term Assignment/Presentation	20%	Individual or group-based
Participation and Engagement	10%	Constructive attendance, preparedness, contribution

Note: A minimum final exam score of 50% is required to pass.

9. A. Ethics

Students are reminded that all submitted work must comply with the University's academic [integrity policy](#). Plagiarism or unauthorised collaboration will result in disciplinary measures.

B. Course Policies

- Attendance is strongly encouraged.
- All assignments must be submitted on time via the designated platform.
- Special accommodations will be made for students with documented learning or health needs in accordance with university policy.

10. Use of Information and Communication Technologies (ICT)

- **Use in Teaching:** (e.g. digital slides, audiovisual aids, interactive tools like Mentimeter)
- **Use in Communication:** (e.g. E-learning platform, Zoom/Google Meet for office hours)
- **Digital Resources:** (e.g. online legal databases, podcasts, video lectures)

11. Bibliography

- Books/E-Books
Barfield, Woodrow., & Pagallo, Ugo. (2018). *Research handbook on the law of artificial intelligence (e-book)*. Edward Elgar Publishing
Cwik, C. H. (2024). *Artificial intelligence: Legal issues, policy, and practical strategiesalog (e-book)*. Amer bar association.
<https://search.lib.auth.gr/Record/1170259?sid=50093575>
Dąbrowski, Ł. Dawid., & Suska, Magdalena. (2022). *The European Union digital single market Europe's digital transformation (e-book) /*. Routledge.
Ferretti, Federico., Canepa, Allegra., & Mattassoglio, Francesca. (2025). *EU digital markets law (e-book)*. Wolters Kluwer Law International.

Kerrigan, C. (2022). *Artificial intelligence: Law and regulation (e-book)*. Edward Elgar. <https://search.lib.auth.gr/Record/1159389?sid=50093447>

Kianieff, M. (2019). *Blockchain technology and the law: Opportunities and risks*. Routledge.

Lee, D. K. C. (2015). *Handbook of Digital Currency Bitcoin, Innovation, Financial Instruments, and Big Data /*. Elsevier,.

Mast, Tobias. (2024). *DSA, DMA : Digital Services Act, Digital Markets Act : Kommentar (e-book)*. C.H. Beck.

Papakonstantinou, V., & De Hert, P. (2024). *Law, policy and the internet of things*. Routledge.

Quattrocchio, Serena. (2020). *Artificial intelligence, computational modelling and criminal proceedings a framework for a European legal discussion (e-book) /*. Springer,.

Schulze, Reiner., & Staudenmayer, Dirk. (2025). *EU digital law : article-by-article commentary (e-book)*. Beck ; Hart ; Nomos.

Synodinou, T.-E., Jogleux, P., Markou, C., & Prastitou, T. (Eds.). (2020). *EU internet law: Regulation and enforcement*. Springer.

Synodinou, T.-H., Jogleux, Philippe., Markou, Christiana., & Prastitou, Thalia. (2020). *EU Internet Law in the Digital Era regulation and Enforcement (ebook)*. Springer International Publishing,.

- Databases

Westlaw UK Academic	https://law.auth.gr/en/subscription-to-electronic-databases-2/
HeinOnline Academic Core and Kluwer Law International Journal Library	https://law.auth.gr/en/subscription-to-electronic-databases-2/
Beck-online PREMIUM	https://law.auth.gr/en/subscription-to-electronic-databases-2/
O.U.P Oxford Public International Law	https://law.auth.gr/en/subscription-to-electronic-databases-2/
O.U.P Max Planck Encyclopedia of Comparative Constitutional Law	https://law.auth.gr/en/subscription-to-electronic-databases-2/

Dalloz.fr	https://law.auth.gr/en/subscription-to-electronic-databases-2/
JURIS Zusatzmodul Hochschulen, BGB Staudinger Online	https://law.auth.gr/en/subscription-to-electronic-databases-2/
Kluwer Law Online (30 journals)	https://law.auth.gr/en/subscription-to-electronic-databases-2/
IAReporter. Investment Arbitration Report	https://law.auth.gr/en/subscription-to-electronic-databases-2/
Cambridge Core (Law)	https://www.cambridge.org/core/browse-subjects/law
EBSCO	https://research.ebsco.com/c/quc7ji/search/advanced/filters?autocorrect=y&isDashboardExpanded=true
ProQuest Central	https://www.proquest.com/central/topicpaths/AbiGlobal_business/0?accountid=8359#0
Springer link	https://link.springer.com/
Taylor & Francis e-books	<a href="https://www.taylorfrancis.com/search?subject=SC
LW">https://www.taylorfrancis.com/search?subject=SC LW
Taylor & Francis e-journals	https://www.tandfonline.com/subjects/law
The Making of Modern Law: Legal Treatises 1800-1926 (Gale)	<a href="https://go.gale.com/ps/start.do?p=MOML&u=arist
&cookieConsent=true&analyticsOptout=false&at
y=ip">https://go.gale.com/ps/start.do?p=MOML&u=arist &cookieConsent=true&analyticsOptout=false&at y=ip
Wiley online Library	<a href="https://onlinelibrary.wiley.com/action/showPublic
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