

TECHNICAL SHEET OF THE SUBJECT

Data of the subject	
Subject name	Syllabus - Complementary Electives: LegalTech & RegTech 22-23
Subject code	E000011614
Involved programs	Máster Universitario en Administración de Empresas (MBA) [First year]
Level	Postgrado Oficial Master
Quarter	Anual
Credits	3,0 ECTS
Type	Optativa
Department	Área de Derecho Mercantil Departamento de Derecho Económico y Social
Coordinator	Rubio Velázquez, Raul
Course overview	This program aims to provide a basic legal knowledge in the field of technology law to non-legal executives. Training in technology law will enable these professionals to identify regulatory and contractual risks and opportunities in the field of IT development, digital transformation, process design, device manufacturing and the creation of digital business models. Introduction to the fundamental legal concepts and their practical business implications needed to support and lead business technology and data decisions in the increasingly complex and dynamic digital economy. Exploration of the main public policy and legal frameworks that promote or constrain innovation, and the institutional and legal environment affecting technology-related decisions in organizations.

Teacher Information	
Teacher	
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SPECIFIC DATA OF THE SUBJECT

Contextualization of the subject
<p>Contribution to the professional profile of the degree</p> <p>Digital or technology-based businesses are increasingly influenced by regulation, especially at EU level. Failure to understand the key fundamentals or the red lines that mark this dispersed and complex regulation can lead to mistakes with a significant impact on the business. Technology, economics and regulation are more interconnected today than ever before.</p> <p>This course will try to identify the most important practical aspects that a business manager must consider in relation to digital law and the legal and technological trends that are influencing this area:</p> <p>Objectives:</p> <ul style="list-style-type: none"> To develop the essential knowledge and methodologies that allow the student to integrate the legal vision with the rest of the



aspects of the business.

- Identify some of the key mechanisms for the protection of innovation and intangible assets.
- Analyze of the evolution of the legal function in the context of digital transformation and the change in its relationship with the rest of the business areas.
- Assess the impact of technology on the creation of new business models in the legal services sector.

Competencies - Objectives

Competences

<p>CG01</p>	<p>Cognitive abilities of analysis and synthesis applied to business situations and organizational management issues.</p>	
	<p>RA1</p>	<p>Describe, relates and interprets situations and mid-level approaches.</p>
	<p>RA2</p>	<p>Select the most significant elements and their relationships in the situations described.</p>
	<p>RA3</p>	<p>Identify information gaps and establish relationships with external elements to the given situation.</p>
	<p>RA4</p>	<p>Is able to summarize and structure information using the right concepts.</p>
<p>CG02</p>	<p>Information management and data as key elements for decision-making and identifying, formulating and solving business problems.</p>	

Search, already knows and appropriate



	RA1	synthesizes and use primary and secod data from various sources.
	RA2	Knows and use Internet to search manage information, text and data.
	RA3	Discerning the value and usefulness different sources and types of informati
	RA1	Search, already knows and approp synthesizes and use primary and secod data from various sources.
	RA2	Knows and use Internet to search manage information, text and data.
	RA3	Discerning the value and usefulness different sources and types of informati
		Critical thinking and argumentation consistent with the understanding and know about business organizations, their external context and management processes direction.



	RA1	Identify, set and contrasts the assumption variables and results logically and critically.
	RA2	Check the options and alternatives through critical thinking which to discuss and opposing views.
CG09	Self-learning ability to continue learning cognitive skills and applied knowledge relevant to the business activity.	
	RA1	Do their jobs and activities with only initial indications and basic monitoring.
	RA2	Search and find adequate resources to sustain their activities and perform their tasks.
	RA3	Broadens and deepens in carrying out their work.

THEMATIC BLOCKS AND CONTENTS

Contents - Thematic Blocks

Thematic Blocks

General framework of technology law

1. Relationship between law and technology
2. Different regulatory models at the international level
3. Regulatory trends and their potential impact on business

Transformation of the legal function within organizations

1. Role of legal counsel within the organization, in the marketplace and with regulators



2. The digital transformation of legal areas
3. Use of IT resources. Legaltech and Regtech

Data as an asset (i)

1. Ways of classifying data and their legal impact.
2. Data value chain
3. Who is the owner?

Data as an asset (ii)

1. Which regulations have the greatest impact?
2. What are the key privacy issues?
3. Data monetization Models

Legal considerations for new business models

1. Platform and sharing economy
2. ecommerce
3. Everything as a Service
4. Web3 and decentralized models

Corporate structure and transactions

1. Partner agreements, MOUs and NDAs
2. Legal issues linked to investment: seed/venture capital, financing rounds, ...
3. Incubators, accelerators and innovation investment models.
4. Stock options, phantom shares and other forms of talent retention and attraction.

The challenge of cybersecurity

1. Types of risks and their legal perspective
2. The impact of regulation
3. Legal and policy measures.
4. Management of security breaches
5. Legality of ethical hacking.
6. Legal framework for investigation, cyber-intelligence services and counter-attack measures

Artificial Intelligence and robotics

1. AI and robotics regulation
2. Biases and transparency
3. Ethics and regulation
4. Drones
5. Autonomous vehicles

IT contracting

1. Types of development, project planning and associated contracts (waterfall, agile, PRINCE, ...)
2. Types of licences. Advantages and disadvantages (IaaS, PaaS, SaaS, on premise, ...).



3. Infrastructure contracts: colocation agreements, data centres, connectivity, ...
4. Consultancy contracts, integration, turnkey, ...

Digital identity and authentication

1. Digital evidence
2. Digital trust services. E-Signature, timestamping, e-seals, ...
3. Use of trust services and market impact
4. Evolution towards the concept of digital wallet

eCommerce regulation

1. EU Directive 2000/31/EC
2. P2B regulation
3. Online consumers
4. Geoblocking and cross-border parcel
5. Digital Services Act

Legal protection of intangible assets (i)

1. Intellectual property and copyright
2. Legal protection for software
3. Databases

Legal protection of intangible assets (ii)

1. Patents
2. Trade secrets
3. Trademarks
4. Technology transfer agreements

Disruptive technologies and its legal impact

1. Blockchain, Cryptocurrencies and NFTs
2. Metaverse
3. IoT
4. Edge computing
5. Headless Tech

TEACHING METHODOLOGY

General methodological aspects of the subject

The course will be taught through:

- Lectures, in which the professor will present the content, with audiovisual methods, and will promote a debate on the concepts discussed.
- Case-study sessions, in which cases will be analyzed by students working in groups or individually. This sessions will imply the study of specific cases, research, analysis of



questions posed by the professor and presentation and debate of proposals.

Non-Presential Methodology: Activities

Students must supplement basic theoretical knowledge acquired in class with readings suggested by professors, as well as conduct research for some of the scheduled activities.

SUMMARY STUDENT WORKING HOURS

Expository lessons	15.00	Classroom hours	15.00	Analysis and resolution of cases and exercises, individually and collectively.
Individual study and organised reading	35.00	Collaborative learning	10.00	
Non-presential hours				

EVALUATION AND CRITERIA

Evaluation activities	Evaluation criteria	Weight
Final individual exam	Individual evaluation	50%
In class assignments and group project (written & oral presentation)	Individual and group evaluation	30%
Individual active participation in class discussion.	Individual evaluation	20%

Ratings

Students will have **two opportunities to pass the course**: one during the teaching period and another during the exam period that will take place in July 2022.

In order to pass the course during the teaching period, a minimum grade of "5" is required on each of the assessment activities described above.

Those students who have not passed the course in the first evaluation period will have **to repeat the exam on the July re-sitsummon**. Grades obtained by the student on the rest of assessment activities – with its associated weights- will be maintained on this second evaluation.

Students with a waiver for class attendance will be graded based on the final exam

WORK PLAN AND SCHEDULE

Activities	Date of realization	Delivery date
Final Project: Group Written report	Session 3 to 13	Session 13



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Syllabus
2022 - 2023

Final individual exam	Session 15	Session 15
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BIBLIOGRAPHY AND RESOURCES

Basic Bibliography

- Tatiana-Eleni Synodinou, Philippe Jougoux, Christiana Markou (2021). EU Internet Law in the Digital Single Market. Ed Springer
- Andrew Murray (2019). Information Technology Law: The Law and Society. Ed Oxford
- Benkamin Farrand (2018). Law Express: Intellectual Property. Ed. Pearson