UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Technology and Market Law

2526-2-F7701M135

Learning objectives

The course aims to provide students with a clear and systematic understanding of the energy market as a privileged field for observing the dynamics of market regulation and the relationships between law, technology, and economic activity in a sector of primary importance for the national production system.
From this perspective, the course examines in depth the legal categories, regulatory instruments, and models of public intervention that characterize the functioning of the market, with particular attention to the role of the competent authorities and to the interactions among economic operators, investors, and institutions.
The course seeks to combine solid theoretical training with an applied and interdisciplinary approach, through direct engagement with some of the key actors in the energy sector—including private equity investors, managers of multinational companies, and business lawyers—in order to enable students to acquire an appropriate practical and operational background, useful for understanding the concrete dynamics of the market.

Contents

The course is devoted to the study of the energy market, examined in its legal and regulatory dimensions and in the relationship between law, technology, and economic activity. It analyzes the evolution of the sector, the role of institutions and regulatory authorities, as well as the functioning of the main energy markets and the instruments of public intervention.

The course combines theoretical analysis with practical perspectives through workshops and guest lectures by industry professionals, focusing on the main legal activities and financial practices in the energy market.

Detailed program

PART I – Legal and Institutional Foundations of the Energy Market

1. Historical evolution of the energy sector and the processes of liberalization of energy markets, with particular reference to the transition from public monopolies to competitive and regulated markets.
2. The role of energy within the constitutional framework, including fundamental principles, relevant public interests, environmental protection, and economic development.
3. The actors of the energy market: national and European institutions, regulatory authorities, economic operators, investors, infrastructure operators, and public and private entities involved in the functioning of the market.
4. Energy sources and infrastructures: traditional and renewable sources, transmission and distribution networks and systems, storage facilities, and interconnections.

PART II – Regulation and Functioning of Energy Markets

1. The main energy markets and the related regulatory instruments:

- renewable energy and incentive schemes;
- energy efficiency and the white certificates mechanism;
- capacity market;
- gas market;
- contracts, auctions, support mechanisms, and market-based instruments.

2. Extraordinary interventions and emergency measures in the energy sector.

PART III – Practical and Applied Aspects of the Energy Market

1. Workshops and contributions by experts from the energy sector—including investors, managers, and business lawyers—aimed at examining the following aspects:

- regulatory and legal due diligence;
- contractual negotiation in the energy sector;
- financing transactions and financial structuring of energy projects;
- infrastructure investments in private equity.

Prerequisites

Adequate learning ability, as well as writing and oral communication skills.

Teaching methods

In-person lectures, complemented by guest interventions and workshops led by industry experts, held jointly with the University Lecturer.

Assessment methods

The examination will be conducted exclusively in oral form (an interview on the topics covered during the lectures).

The knowledge required to take the examination consists of that acquired during the course and based on the teaching materials provided.

The evaluation will be based on the completeness of the student's preparation, the level of understanding of the topics addressed and of the connections among them, and the ability to identify—through the theoretical framework provided—the main practical issues and the dynamics currently affecting energy markets and discussed in the international scholarly debate. Appropriate weight will also be given to the candidate's command of language and presentation skills.

Grades are awarded on a scale of thirty (18–30/30), with the possible award of *cum laude*.

Textbooks and Reading Materials

Economia dell'energia – Transizione ecologica e sostenibilità, edited by Pietro Ranci, Il Mulino, 2025 (excluding Chapters II, VII and XV).

For attending students, further details regarding the study program will be provided during the lectures.

Semester

Second Semester

Teaching language

Italian.

Sustainable Development Goals

AFFORDABLE AND CLEAN ENERGY | INDUSTRY, INNOVATION AND INFRASTRUCTURE