



2EL2150 – Corporate finance and Law

Instructors: Maxime Guymard, Valérie Feray
Department: DÉPARTEMENT SCIENCES HUMAINES ET SOCIALES
Language of instruction: ANGLAIS
Campus: CAMPUS DE PARIS - SACLAY
Workload (HEE): 60
On-site hours (HPE): 35,00
Elective Category : Business Sciences
Advanced level : Yes

Description

The course goes into law and finance in depth after the first and second-year introductory course. It also gives an opening on various Finance/Law professions via speakers working for different business companies (financial consulting, audit, Innovation & Intellectual Property Director, IP attorneys, attorneys-at-law).

Quarter number

SG6

Prerequisites (in terms of CS courses)

Business Management (1st year), Introduction to Corporate Finance (1st year), Introduction to Law (2nd year)

Syllabus

The discussed subjects of this course will be divided in 3 parts: one third in Law, one third in Corporate Finance, one third in both Finance and Law.

Law

Themes of lectures:

- Labor law
- Introduction to corporate law
- Patentability, patent prosecution and related costs
- Software protection

Finance

Themes of lectures:

- In-depth study of accounting basics: balance sheet, income statement (P&L), cash flow statement
- Solvency
- Profitability (ROCE, ROE)



- Weighted Average Cost of Capital (WACC)
- Financial criteria to select an investment (NPV, IRR)
- Start Up financial management
- Bankruptcy and restructuring
- Introduction to Market Finance (stocks, bonds, derivatives)

Themes of conferences:

- Financial Management of an Insurance Company (speaker from AXA)
- Business Valuation (speaker from KPMG)
- Project Finance (speaker from BNP Paribas)
- Venture Capital and Private Equity

Class components (lecture, labs, etc.)

Lectures (15 * 1:30) | Tutorials (7 * 1:30) | Final Exam (2 hours : Finance 1h + Law 1h)

Grading

Final written exam (100% of final mark)

Resources

- **Teaching staff** (instructor(s) names)

Law

Valérie FERAY (main lecturer - Founder and managing partner - IPSILON)

Pierre-Jacques CASTANET (speaker and teaching assistant - Partner at In Extenso - attorney-at-law specialized in labour law)

Mélanie COIRATON (Speaker and teaching assistant - Partner at Racine - Attorney-at-law)

Mardson McQUAY (speaker and teaching assistant - Senior IP Attorney - King Abdullah University of Science and Technology)

Ghislain DEMONDA (speaker and teaching assistant - Patent Attorney - API Conseil)

Finance

Maxime GUYMARD (main lecturer)

Jean-Baptiste MONLOUIS (speaker and teaching assistant – KPMG)

Selma ELMADHI (speaker and teaching assistant – KPMG),

- **Maximum enrollment** (default 35 students): 105 max for the course (35 students for 3 tutorial groups)



Learning outcomes covered on the course

In Finance:

- Know how to read and interpret the financial statements of a company (balance sheet, income statement, cash flow statement)
- Evaluate the profitability and solvency of a company
- Know the financial criteria for making an investment decision
- Understand the basics in Market Finance (stocks, bonds, dérivatives)
- Know the different professions in Finance

In Law:

- Labour law : learn the basics as employer and employee **(this 3-hour course+tutorial will be exceptionnally held in French - an English abstract will be provided for non-French speaking students)**
- Introduction to corporate law : The benefits of using the coporate form - Definition of the company - Classification of companies - the Key actors - Financial matters - The main stage in a company's life
- Patentability, patent prosecution: learn which subjects can be protected by patents, how to assess the prior art to determine patentability, the prosecution steps from filing up to grant of a patent
- Software: learn the basics and various protection solutions, the pros and cons of each of them and the corresponding pitfalls

Description of the skills acquired at the end of the course

- C3- Act, undertake, innovate in a scientific and technological environment
- C4 - Have a sense of value creation for his company and his customers