



# **Modules Ouverts**

## **Métiers**



## **DROIT DE L'ENTREPRISE**

### **COMPANY LAW**

**Lecturers:** Sylvie MIRA

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

### **Objectives**

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The course aims to bring basics notions on corporate law and its institutions

**Keywords :** Business law, tax law, social law

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### **Programme**

Business law  
Tax law  
Social law

### **Learning outcomes**

- Be able to understand regulation for companies: organisation and process
- Be able to understand basis for business law and social law
- Be aware of important points in a contract

### **Independent study**

**Objectifs :** Be able to understand legal documents

**Méthodes :** Case Studies

### **Core texts**

BRAUD, A., *L'ESSENTIEL DU DROIT COMMERCIAL ET DES AFFAIRES*, GALINEAU, 2014  
GRANDGUILLOT, D. *DROIT SOCIAL*, GALINEAU, 2014

### **Assessment**



## INTELLIGENCE ÉCONOMIQUE ET PROPRIÉTÉ INDUSTRIELLE

### INTELLIGENCE ÉCONOMIQUE ET PROTECTION DE L'INFORMATION

Lecturers: Sylvie MIRA

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

#### Objectives

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Make engineers aware of the need for companies to collect, process and disseminate relevant information through various forms of business intelligence, and to take into account the strategic importance of protecting knowledge and know-how. Understand the mechanisms of industrial property (patents, trademarks, models and copyrights, etc.).

**Keywords :** Information system, intellectual property, patent, trade mark, model

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#### Programme

Economic intelligence  
Intellectual Property  
Information system security

#### Learning outcomes

- Understand the scope of economic intelligence
- Understand the mechanisms of intellectual property
- Be able to apply for a patent, a trade mark or a copy right

#### Independent study

**Objectifs :** Implement concepts

**Méthodes :** Case studies

#### Core texts

LORHO, T., *PROFESSION CAMÉLÉON - DE LA DGSE À L'INTELLIGENCE ÉCONOMIQUE*, FAYARD, 2015  
HARBULOT, C. *MANUEL D'INTELLIGENCE ÉCONOMIQUE*, PUF, 2015  
POLLAUD-DULIAN, F. *LA PROPRIÉTÉ INDUSTRIELLE - PROPRIÉTÉ INTELLECTUELLE*, ECONOMICA, 2010

#### Assessment

Case studies



## **MANAGEMENT DE LA QUALITÉ**

### **QUALITY MANAGEMENT**

**Lecturers:** Elisabeth COUZINEAU-ZEGWAARD

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

### **Objectives**

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Keywords :

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#### **Programme**

#### **Learning outcomes**

#### **Independent study**

Objectifs :

Méthodes :

#### **Core texts**

#### **Assessment**



**MANAGEMENT DE L'ENTREPRISE INDUSTRIELLE**  
**OPERATIONS & INFORMATION MANAGEMENT (OPIM)**

**Lecturers:** Elisabeth COUZINEAU-ZEGWAARD

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

**Objectives**

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Keywords :

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**Programme**

**Learning outcomes**

**Independent study**

Objectifs :

Méthodes :

**Core texts**

**Assessment**



## MANAGEMENT DES RESSOURCES HUMAINES ET DES ORGANISATIONS

### ORGANISATIONS AND TEAM MANAGEMENT

Lecturers: **Philippe THIMONIER**

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

#### Objectives

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Keywords :

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#### Programme

#### Learning outcomes

#### Independent study

Objectifs :

Méthodes :

#### Core texts

Estelle M. MORIN, Caroline AUBE, Kevin J. JOHNSON, *PSYCHOLOGIE ET MANAGEMENT*, Chenelière Education, 2015  
Jean-Pierre TAÏEB *LE PETIT RH 2021*, Dunod, 2021  
Antonio R. DAMASIO *L'ERREUR DE DESCARTES (NOUVELLE ÉDITION)*, Odile Jacob (poches sciences), 2010

#### Assessment



## RISQUES NATURELS

### NATURAL RISKS

Lecturers: Richard PERKINS

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : AN

### Objectives

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The objective of this course is to present the different types of environmental hazards, and the associated risks. Prevention, forecasting and protection techniques will be presented for each type of risk.

**Keywords :** Hazards, risks, environment, urbanisation, volcanoes, earthquakes, avalanches, landslides, hurricanes, storms, floods

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### Programme

1. Definition of risk  
Different types of hazard, geographical distribution, impact, notions of frequency and intensity
2. Tectonic risks  
Volcanoes, earthquakes, landslides, avalanches
3. Meteorological and hydrological risks  
Hurricanes, storms, floods, tsunamis, climatic events

### Learning outcomes

- Students should understand the links between natural phenomena and their impact on human society
- For each type of risk, students should be aware of the possible ways of handling the risk (prevention, protection, prediction....) and their limitations.
- For a given location, students should be able to identify the different types of natural risk to which the population is exposed.

### Independent study

Objectifs :

Méthodes :

### Core texts

BERNSTEIN, P., *AGAINST THE GODS: THE REMARKABLE STORY OF RISK*, Wiley  
SMITH, K. & PETLEY, D.N. *ENVIRONMENTAL HAZARDS: ASSESSING RISK AND REDUCING DISASTER*, Routledge  
VOSE, D. *RISK ANALYSIS: A QUANTITATIVE GUIDE*, Wiley

### Assessment

Report on a subject related to natural hazards.



## **SYSTÈMES D'INGÉNIERIE**

## **ENGINEERING SYSTEMS**

**Lecturers:** Patrick SERRAFERO

| Lecturers : 14.0 | TC : 0.0 | PW : 0.0 | Autonomy : 0.0 | Study : 0.0 | Project : 0.0 | Language : FR

### **Objectives**

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Keywords :

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### **Programme**

### **Learning outcomes**

### **Independent study**

Objectifs :

Méthodes :

### **Core texts**

### **Assessment**