

# Fintechs

## EM054M6H

### Program

**PGE**  
PGE 2A - SUPPLY CHAIN MANAGEMENT

### UE

Fintechs

### Semester

B

### Discipline

Finance

### Contact hours

27 H

### Number of spots

45

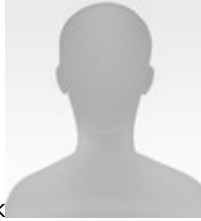
### Open to visitors

Yes

### Language



### Coordinator



Ali Özdamak

## List of lecturers

Lecturer(s)	Email	Contact hours - lecture
Ali ÖZDAKAK	<a href="mailto:ali.ozdakak@em-strasbourg.eu">ali.ozdakak@em-strasbourg.eu</a>	27 h

### Pedagogical contribution of the course to the program

**LEARNING GOAL 1 : Students will master state-of-the-art knowledge and tools in management fields in general, as well as in areas specific to the specialized field of management.**

Students will identify a business organization's operational and managerial challenges in a complex and evolving environment.

Students will understand state-of-the-art management concepts and tools and use them appropriately.

Students will implement appropriate methodologies to develop appropriate solutions for business issues.

**LEARNING GOAL 2 : Students will develop advanced-level managerial skills.**

Students will work collaboratively in a team.

Students will participate in a decision-making process in a critical way.

Students will communicate ideas effectively, both orally and in writing, in a business context.

**LEARNING GOAL 3 : Students will demonstrate their understanding of practices reflecting ethical, diversity and sustainable development values in business organizations.**

Students will identify and analyze issues relating to diversity, ethics and sustainable development in their business context.

**LEARNING GOAL 4: Students will study and work effectively in a multicultural and international environment.**

Students will demonstrate written and oral competency in two foreign languages.

### Description

This course is about financial technology, or better know under the portmanteau word "fintechs". This class will explore the ways in which new technologies disrupt the financial services industry, thereby changing business models, products, applications and customer user interfaces. Student will focus on significant technological trends such as AI, blockchain technology and open APIs and how these affect financial services. The objective is to gain an understanding of the key technologies, market structure, participants, regulation and the dynamics of change being brought about by fintech.

---

## Teaching methods

### Face-to-face

- Lectures
- Tutorials

### In group

- Exercises
- Oral presentations

### Interaction

- Discussions/debates

### Others

**No items in this list have been checked.**

---

## Learning objectives

### Cognitive domain

Upon completion of this course, students should be able to

- - (level 1) **acquire** a fundamental understanding of new technologies in finance
  - - (level 2) **explain** challenges and opportunities for start-ups, Big Tech, and Big Finance
  - - (level 3) **discover** the landscape shaping the adoption of new technologies
  - - (level 4) **compare** business models, products, and applications that have newly emerged
  - - (level 5) **evaluate** the impact fintechs have on the future development of financial services
  - - (level 6) **integrate** your own experiences with fintechs with the theoretical knowledge you gained
- 

### Affective domain

Upon completion of this course, students should be able to

**None affective domain have been associated with this course yet**

---

## Outline

1. Introduction to Fintechs
2. Key Technological Trends Affecting Financial Services
2. Introduction to Artificial Intelligence, Machine Learning, and Deep Learning
3. Artificial Intelligence in Finance
4. Open APIs in Finance
5. Blockchain Technology & Cryptocurrency
6. Payments
7. Credit & Lending
8. Challenger Banks
9. Trading & Capital Markets
10. Insurance

---

## No prerequisite has been provided

### Knowledge in / Key concepts to master

No special knowledge is required

---

## Teaching material

### Mandatory tools for the course

**No items in this list have been checked.**

### Documents in all formats

- Case studies/texts

### Moodle platform

- Upload of class documents
- Assessments

### Software

**No items in this list have been checked.**

### Additional electronic platforms

**No items in this list have been checked.**

---

## Recommended reading

Main reading material

**No reading material has been provided.**

---

Additional literature

**No reading material has been provided.**

---

### EM Research: Be sure to mobilize at least one resource

Textbooks, case studies, translated material, etc. can be entered

**No reading material has been provided.**

---

## Assessment

### List of assessment methods

**Intermediate assessment / continuous assessment 1**Other (date, pop quiz, etc.) : tba in class

Written / Group / English / Weight : 25 %

**This evaluation is used to measure L01.3, L02.1, L02.3, L03.1, L04.1**

**Intermediate assessment / continuous assessment 2**Other (date, pop quiz, etc.) : tba in class

Written and oral / Group / English / Weight : 25 %

**This evaluation is used to measure L04.2, L01.2, L01.3, L02.2**

**Final evaluation**Exam week

Written / Individual / English / Weight : 50 %

**This evaluation is used to measure L01.1, L01.2, L01.3, L02.1, L02.2, L02.3, L03.1**