

# Fintechs

## EM054M6H

### Program

**PGE**  
PGE 2A - FINANCE - COMPTABILITE

### UE

Fintechs

### Semester

B

### Discipline

Finance

### Contact hours

27 H

### Number of spots

45

### ECTS

5

### Open to visitors

Yes

### Language



## Coordinator

Ali Özdakak



## 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**

### **Développer un management à impact grâce aux connaissances et aux outils les plus récents dans les domaines du management**

Evaluate sustainable managerial practices using managerial concepts and instruments as well as digital tools  
Design solutions adapted to organizational problems by applying relevant methodologies

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## **Description**

This course is about financial technology, or better known 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.

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## **Teaching methods**

### **Face-to-face**

- Lectures
- Tutorials

### **In group**

- Exercises
- Oral presentations

### **Interaction**

- Discussions/debates

### **Others**

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

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## **Learning objectives**

### **Cognitive domain**

Upon completion of this course, students should be able to

- - (level 4) **detect** detect new technologies in finance
  - - (level 5) **evaluate** the impact fintechs have on the future development of financial services
  - - (level 5) **evaluate** challenges and opportunities for start-ups, Big Tech, and Big Finance
  - - (level 6) **integrate** your own experiences with fintechs with the theoretical knowledge you gained
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### **Affective domain**

Upon completion of this course, students should be able to

- - (level 4) **analyze** the landscape shaping the adoption of new technologies
  - - (level 4) **compare** business models, products, and applications that have newly emerged
  - - (level 4) **combine** theoretical knowledge with practical applications of financial technology
  - - (level 5) **verify** the potential of disruption in a certain sector
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### **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
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### **No prerequisite has been provided**

#### **Knowledge in / Key concepts to master**

No special knowledge is required

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### **Teaching material**



