

# Blockchain (EM3E5M57)

Program	PGE
Course set (UE) / Credits (ECTS) / Track / Specialization	<b>Module :Seminars in Finance : 13 ECTS.</b> <ul style="list-style-type: none"><li>Finance</li></ul>
Discipline	Finance
Year	2020
Semester	B
Open for visitors	no
Available spots	45

## Coordinator

**SERGE BALATRE**

## Lecturers

Instructor	Population	Email
SERGE BALATRE	Population	

## Course format

Working language :	English
Volume of contact hours :	12 h
Workload to be expected by the student :	36 h

## Course track

Track : Attendance

### Attendance track :

Attendance at lectures/tutorials and intermediate/final assessments is mandatory. As in-class work constitutes an essential element of evaluation, any unjustified absence will be penalized (*see Study and Examination Regulations*) and factored into the final grade (*see Assessment*).

### Autonomous track :

Attendance at intermediate/final assessments is mandatory, but students have the option of attending lectures/tutorials.

Attendance at lectures/tutorials and intermediate/final assessments is mandatory for all degrees making up the Master's Program and all degrees involving co-op (*apprentissage*). Attendance track must therefore be selected.

## Contribution of the course to the educational objectives of the program

### How the course contributes 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 4: Students will study and work effectively in a multicultural and international environment.**

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

Students will analyze business organizations and problems in a multicultural and international environment

## Description

This class explains Blockchain and cryptoassets, their history and present some important applications. It focuses mainly on financial sectors and Asset management industry and show how these mechanisms have become new ways of raising cash for companies with ICO and STO.  
At the end of the course, cases are performed by students

## Educational organisation

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## Learning outcomes

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**Upon completion of this course, students should be able to :**

- **Define** the differences between Blockchain and crypto asset
- **Indicate** the use cases of Blockchain in the finance industry
- **Detect** how to invest into an ICO or STO
- **Synthesize** the world of Blockchain
- **Use** a cryptowallet
- **Comply** with the regulation on crypto assets

## Outline

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Understand Blockchain and cryptoassets.  
History and applications  
Focus on financial sectors and Asset management industry  
New ways of raising cash for companies with ICO and STO explained  
Use cases to end the course performed by students

## Prerequisites

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**Key concepts to understand :**

**Knowledge of :**

Basics on finance and asset management with all the players (Asset manager, Custodian, Depository, fund accountant)

## Teaching material

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**Documents in all formats**

- Case studies

**Software**

- Office Pack (Word, Excel, PowerPoint, Access)

## Recommended reading

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**Major works :**

BIS Annual Economic Report 2020  
Deloitte's 2019 global blockchain survey

**Further reading :**

**Research works by EM Strasbourg :**

## Assessment

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**Final assessment : last session**

written + oral (20 min) / in group / English / weighting : 100%  
additional information : The last 3 hours of the course will represent the prepared presentations by group of students (max 5) They will send the teacher their powerpoint 3 days before the course and will present individually their part The mark will be 50% group work and 50% individual presentation

**This evaluation serves to measure LO1.1, LO1.2, LO1.3**

## Grounds for expulsion from classes

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Behaviors such as

**arriving late, leaving early, or exiting the classroom at inopportune moments during class**

**ostentatiously eating or drinking in class**

**using smartphones or laptops for non-class-related purposes**

**reading texts unrelated to the course**

**discussing topics unrelated to the course**

**disrespecting the lecturer**

may lead to expulsion from the class/course.

