**Nom, Prénom de l'enseignant :**
LANGLOIS-BERTHELOT Jean

**Titre de l'enseignement (dans la langue principale de l'enseignement) :**
New Financial Technologies: Understanding the Revolution on the Move

**Titre de l'enseignement en anglais :**
New Financial Technologies: Understanding the Revolution on the Move

**Langue principale de l'enseignement :**
Anglais

**Pré-requis :**
(Facultatif, 300 caractères maximum, dans la langue principale de l'enseignement)
This course is with no prerequisites

**Présentation de l'enseignement et des objectifs pédagogiques :**
(Obligatoire, 800 caractères maximum, dans la langue principale de l'enseignement)

By the end of the course students will be able to:
- Analyze the issues caused by anonymization and financial virtualization
- Develop a clear understanding of Digital Identity and the legal aspects of it
- Identify the functioning of cryptocurrencies, blockchain and « digital cash »
- Understand the reconfiguration of the balance of power between "traditional" financial actors and new financial players.
- Assess the latest developments in cryptocurrency law
- Explain new risks in terms of financial security
- Develop a prospective analysis on new financial technologies

**Modalités d’évaluation :**
(Obligatoire - 300 caractères maximum, dans la langue principale de l’enseignement)

- **Oral evaluation:** a 2 or 3 student team selects a subject from a defined list and presents it during 20 minutes. (coefficient 3)
- **Reading report :** the student selects a book in a list then, explains the main topic of the book in 5 or 6 pages report.(coefficient 3)
- **Writing final evaluation:** several questions about the courses. (coefficient 3)
- **Courses participation** (coefficient 1)

**Lectures demandées :**


Lectures complémentaires / filmographie / discographie :

Plan des séances (12) :

Financial Anonymization and Virtualization

Session 1: Cryptocurrencies: A legacy of parallel currencies?
Session 2: Virtual currencies, electronic currencies, blockchain, commodities to cryptomoney and creation of "digital species"
Session 3: Is "Anonymous Money" Really Anonymous?

Will the GAFABATX replace the banks?

Session 1: What is financial Big data?
Session 2: Towards the end of banks supremacy?

Legal issues

Session 1: What legal framework for Blockchain and Digital Identity?
Session 2: What fiscal system for cryptocurrencies?

New financial technologies, new financial security issues?

Session 1: Typology of the actors
Session 2: Reproduction of traditional financial scams and Disruption Factors

New Financial Technologies for 2050: Future Prospects and Limits

Session 1: Structural analysis tools to apprehend financial new technologies breakthroughs

Conclusion and evaluation

Session 1: Final evaluation
Session 2: Perspective