

COURSE DETAIL

CRYPTOCURRENCIES AND BLOCKCHAIN: NEW CHALLENGES FOR BANKS AND CENTRAL BANKS

Country

France

Host Institution

Institut d'Etudes Politiques (Sciences Po)

Program(s)

Sciences Po Paris

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Economics

UCEAP Course Number

111

UCEAP Course Suffix**UCEAP Official Title**

CRYPTOCURRENCIES AND BLOCKCHAIN: NEW CHALLENGES FOR BANKS AND CENTRAL BANKS

UCEAP Transcript Title

CRYPTOCURRENCIES

UCEAP Quarter Units

4.50

UCEAP Semester Units

3.00

Course Description

This course aims at providing an understanding of the recent development of cryptocurrencies and blockchain and the consequences on the banking sector and central banking. The design of cryptocurrencies challenges the design of the existing banking system in its very existence. The course debates the potential disruptive impact of cryptocurrencies. The course starts with an introduction to the banking system and explains the basics of banking management, focusing on the specificities of the US system. Then the course focuses on the question of central banking in the post-crisis era. A special attention is dedicated to the quantitative easing monetary policies and their unintended consequences. Cryptocurrencies–the Bitcoin in particular–were born as a way to develop an alternative to the existing system judged as corrupted and biased by human action. Cryptocurrencies is more than just the design of a new monetary system, it offers an alternative design for the organization of the society based on decentralization and trust. The course investigates the consequences of the further adoption on banks and central banking.

Language(s) of Instruction

English

Host Institution Course Number

DECO 25A13

Host Institution Course Title

CRYPTOCURRENCIES AND BLOCKCHAIN: NEW CHALLENGES FOR BANKS AND CENTRAL BANKS

Host Institution Campus

English Seminar

Host Institution Faculty**Host Institution Degree**

Host Institution Department

Economics

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