

BLOCKCHAIN, BIG DATA & CRYPTOCURRENCIES



Sacred Heart
UNIVERSITY
Luxembourg



Luxembourg
Blockchain Lab



HOUSE OF
TRAINING



Infrachain

Sacred Heart University Luxembourg (SHULU) is partnering with Infrachain and House of Training to educate the Luxembourg business community about the opportunities and limitations of Blockchain technology. Together, they have developed a course which provides students with a hands-on introduction to Blockchain, distributed ledger, and cryptocurrencies.

The comprehensive curriculum will offer use cases for Blockchain technologies, and guide students in an analysis of Blockchain programming frameworks and payment architectures. Students will leave the course with a theoretical and practical understanding of Blockchain technology and its implementation.

Program Structure

- 12 sessions from April 5 to May 19, 2022
- Monday and Thursday evenings
- Lead by industry expert Dr. Radu State, who heads the research group SEDAN at SnT, along with guest lecturers and speakers
- Apply credits earned to an MBA degree
- Attend courses with students from a variety of backgrounds and companies, ensuring exposure to a broad range of learning experiences

Tuition Fees

EUR 950

Course Learning Objectives

- 🔗 Understand the opportunities but also limits of **blockchain technology**
- 📄 Develop expertise in **writing simple blockchain applications** using the Ethereum platform
- 📐 Understand the basic theory on **consensus protocols**
- 👁️ Develop basic **monitoring tools** for other blockchains (Ripple)
- 📊 Understand the **economic issues and incentives** of a decentralized application
- 📦 Master **blockchain based applications**
- ★ Deep dive into advanced topics: **Ripple Interledger protocol, Tezos governance model**

Location and Times

- Evening courses (6:30-9:30 PM)
- Chamber of Commerce (Training Center) Luxembourg-Kirchberg (parking provided)

More info

www.shu.lu/blockchain-big-data-cryptocurrencies-course/

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