



**University of  
Zurich** <sup>UZH</sup>

UZH International Summer Schools

**Online Format**  
Apply by  
25 April 2022

# Deep Dive into Blockchain

Linking Economics, Technology and Law

3 – 22 July 2022

**UZH**  
Blockchain  
Center

Faculty of Business, Economics and Informatics  
in collaboration with the International Relations Office

# Course Description

This summer school program will give you a complete immersion into the topic of blockchain from world-leading experts and practitioners in the field at Europe's No. 1 university in Blockchain research (ranking by CoinDesk 2021). Blockchain-based systems, with cryptocurrencies as the most prominent example, have disrupted and reshaped the way we think about digital finance and similar applications, such as supply chains. Blockchain and related technologies allow to store sequential, trustful information without enforced consensus by central authorities or trustees.

This three-week course aims to provide you with a full understanding of Blockchain by introducing it from a multidisciplinary perspective to Blockchain. At the end of the course you will understand the three key pillars of blockchain systems, namely the technology, the economics and the legal aspects behind it. Building on this, we will then explore other fields of application, such as forensics and data analytics. The course offers a chance to experience classes taught by different professors and lecturers from UZH and leading universities worldwide, as well as top practitioners from various fields. The program has received excellent ratings for its highly interactive structure, hands-on practice sessions and for incorporating the most advanced and promising blockchain-based platforms.

<b>Hosting Institute</b>	UZH Blockchain Center
<b>Course Director</b>	Prof. Dr. Claudio J. Tessone
<b>Language</b>	English
<b>Credits</b>	6 ECTS
<b>Target Audience</b>	Advanced Bachelor students and Master students



# Main Learnings

- Get to know how blockchain-based systems work
- Understand the economics incentives as the basis of blockchain-based systems
- Learn to critically assess the decisions taken when designing blockchain technologies
- Learn from experts in academia and industry
- Obtain hands-on experience in both established and advancing technologies from our industry partners: Web3 Foundation, Cardano, Tezos, Hyperledger Fabric, Polkadot, IOTA and others!

# Teaching and Learning Methods

- Podcasts - watch at least two podcast sessions per day by lecturers from academia and speakers from industry
- Test your knowledge - following the sessions, you will have an assignment (individual and group) to assess and deepen the knowledge
- Hands-on sessions - Interact with lecturers and benefit from their expertise
- Q&A sessions every day - ask your questions to our teaching team at UZH
- Wrap-up - get an interactive recap of the program at the end of each week
- Group work - interact with other students and work together on your final project
- Mentoring for your final project



## Fees

The regular fee for this Online Summer School is CHF 1,500.

The fee includes:

- tuition and application fee
- final certificate and transcript
- virtual classroom teaching
- a digital social program that fosters your intercultural competence

## Scholarships

We offer generous discounts to students from UZH partner universities, including strategic partners and international networks (Universitas 21 and LERU).

State your interest in a scholarship in your motivation letter. Once we have received your application, we will notify you of any potential discounts available to you.



## Application

Strong Bachelor students, who have completed their first year of study, as well as Master students are encouraged to apply. This course is of particular interest to students from the fields of Economics, Finance, Business, Computer Science, Mathematics, Physics or Law. Also, students from other fields of study with a strong interest in the topic and Data Science who have a strong technical and analytical background are also welcome to apply. Basic knowledge of programming is not required, but desirable.

Please apply online on our registration form as soon as possible to avoid disappointment. We will carefully check your application and get back to you within seven days. For further information on the application process please visit [www.summerschools.uzh.ch](http://www.summerschools.uzh.ch).

## Contact

University of Zurich  
International Relations Office  
Raemistrasse 71  
CH-8006 Zurich  
[summer@int.uzh.ch](mailto:summer@int.uzh.ch)



[https://bit.ly/UZH2022\\_Blockchain](https://bit.ly/UZH2022_Blockchain)

*Apply by  
25 April 2022 at the  
latest, the sooner the  
better!*