



University of  
Zurich<sup>UZH</sup>

UZH International Summer Schools

**NEW  
ONLINE FORMAT!**

# Deep Dive into Blockchain

Linking Economics, Technology and Law

5 – 24 July 2020

**UZH**  
Blockchain  
Center

Faculty of Business, Economics and Informatics

## Course Description

This online summer school program will give you a complete immersion in to the topic of blockchain from world-leading experts and practitioners in the field. Blockchain-based systems, with cryptocurrencies as the most prominent applications, have disrupted and reshaped the way we now think digital finance and other applications, such as supply chains and distributed systems. Blockchain and related technologies allow for storing sequential, trustful information without enforced consensus by central authorities or trustees.

Fundamental for a correct, holistic understanding of this technology and its implications is multidisciplinary approach, which this summer school uniquely builds upon. During the three weeks of the course, you will understand the key pillars of blockchain systems: the technology, the economics behind it and their practical, legal implications – including for forensics and data analytics.

The program is highly interactive, with both theory and hands-on practice sessions offered by experts from Switzerland, Austria, China, Germany, Japan, South Korea and the United Kingdom!

<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, NEO, IOST, 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 have generous scholarships available for talented students. Scholarships are offered by the International Relations Office and the Faculty of Business, Economics and Informatics as well as by sponsors from the industry.

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

To apply, please visit our website and complete the online application form. We will carefully check your documents and let you know within four weeks whether or not we can make you an offer to participate in the program. For further information on the application procedure please visit our website.

## Contact

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[bit.ly/UZH2020\\_Blockchain](https://bit.ly/UZH2020_Blockchain)

Apply by  
10 May 2020 at  
the latest, the  
sooner the  
better!