Bitcoin Masterclass
by 21Lectures

12 - 14 February 2025 - HWZ, Zurich CH

General
Mornings: 09:00 - 12:00
Afternoons: 13:30 - 17:00
Lunch in price included

Price
Startup / Individual: CHF 1'450
Corporate: CHF 2'950
Student: CHF 725*
*Supported from sponsors

Questions
info@21lectures.com

Day 1 - Bitcoin Protocol I
Dominik Spicher
- Bitcoin Intro
- Elliptic Curves & Cryptography
- Digital signatures: Schnorr
- Bitcoin Script
- Transactions
  - Introduction
  - Basic transaction types
  - Timelocks
  - Multisig

Day 2 - Bitcoin Protocol II
Dominik Spicher
- Transactions (continued)
  - SegWit
  - Taproot & Tapscript
  - OP_RETURN / Timestamping
  - Miniscript
- Wallets and addresses
- Blockchain / Mining
- Forks & Consensus

Day 3 - Lightning Network
Christian Decker & Oliver Gugger
- History of the Lightning Network
- Bitcoin = Lightning
- c-lightning
- BitVM, Ark & Taproot Assets
- Lightning Exercise: build your own local Lightning Network

Every day includes practical exercises to deepen your understanding of advanced Bitcoin concepts.

At the end of Day 3 there is an Apéro to celebrate the end and network with the lecturers and our partners in a cozy ambience.

Check all the details online
Bitcoin Masterclass - Register

Lecturers

Dominik Spicher
21 Analytics

Christian Decker
Blockstream

Oliver Gugger
Lightning Labs