



OST

Eastern Switzerland
University of Applied Sciences

Blockchain (BlCh)

Admin

Thomas Bocek

23.09.2024

BlCh 2024: Plan

Nr	Date	Lecture*	Lecturer
01	17.09.2024	Admin (lecture and challenge task), Repetition DSy (part 1) - no exercises	Bocek
02	24.09.2024	Repetition DSy (part 2), Introduction Blockchain, Ethereum Components / Architecture	Bocek
03	01.10.2024	Solidity	Bocek
04	08.10.2024	1st hand-in, Fungible Tokens, Stablecoins	Bocek
05	15.10.2024	DeFi, DEX, Non-Fungible Tokens	Bocek
06	22.10.2024	DAO, POAP	Bocek
07	29.10.2024	2nd hand-in, Wallets and Seed Phrases	Bocek
08	05.11.2024	HTLCs, Cross-chain Atomic Swaps, Payment Channels	Bocek
09	12.11.2024	Security Considerations, Layer 2 Use Cases	Bocek
10	19.11.2024	3rd hand-in, Sui	Bocek
11	26.11.2024	Interview, Exam Preparation	Bocek
12	03.12.2024	Final hand-in, Challenge Task Presentations, part 1	you
13	10.12.2024	Challenge Task Presentations, part 2	you
14	17.12.2024	Q&A and Challenge Task Award Winner Announcement - no exercises	Bocek

* topics may change

BlCh Challenge Task

- 38 students in total, 31 students in a group, 7 not assigned yet
- Discussion during exercises
 - I will provide a ETH / RWA service, where one can buy for ETH, real world assets in CHF, to be able to rebalance your stablecoin
 - Details about tokens and stablecoins in lecture 4, about DEX in lecture 5. After that you should have all the infos for the challenge task

Nr	Name 1	Name 2	Name 3	Project
1	Noah F.	Tim E.		
2	Mino P.	Lukas A.	?	
3	Corsin S.	Roman W.	Cedric C.	
4	Dario B.	Dejan B.	Fabrice-Ronny B.	
5	Matthias H.	Simon D.		
6	Matteo G.	Marco S.	Philipp H.	
7	Tom S.	Micha H.	Nico F.	
8	Yannick S.	Sylvester H.	Roman C.	
9	David H.	Andri J.	Davor L.	
10	Anja F.	Patrick S.		
11	Simon H.	Livio M.	Luca K.	
12	Leonardo R.	Tobias K.		