## Introduction to Bitcoin, Crypto & Decentralized Finance



Are you curious about Bitcoin, cryptocurrency, and the emerging world of Decentralized Finance? This online course series by Michael Gauckler is your launchpad into understanding these revolutionary financial technologies.

## The trainer:



Michael Gauckler is a big fan of the intersection of economics and technology. Bitcoin combines just that. These interests are also reflected in his education with degrees in Electrical Engineering from ETH and economics from UZH. He has since been the co-founder of two start-ups, worked in financial consulting and was most recently the Chief Product Officer at Bitcoin Suisse. Now, he is an educator about Bitcoin and will share his knowledge with us in the series of online course.

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## Course Content:

SESSION 1 23/05/2024	<ul> <li>Introduction</li> <li>Personal welcome, motivation, and beliefs</li> <li>Course overview</li> <li>Thematic overview</li> <li>Introducing Bitcoin</li> <li>Understanding Bitcoin</li> <li>Technology &amp; algorithms</li> <li>Economics &amp; incentives</li> <li>Understanding Ethereum</li> <li>Technology &amp; algorithms</li> <li>Economics &amp; incentives</li> <li>Deep dives into selected topics</li> </ul>
SESSION 2 30/05/2024	<ul> <li>Layering on top of Bitcoin and Ethereum</li> <li>Programmable money &amp; smart contracts</li> <li>NFTs and ordinals</li> <li>Scalability solutions</li> <li>DAOs and voting</li> </ul>
SESSION 3 06/06/2024	<ul> <li><b>The Crypto Industry</b></li> <li>Exchanges</li> <li>Custodians</li> <li>Staking providers</li> <li>Settlement networks</li> <li>Technology providers</li> <li>Regulators</li> <li><b>Crypto in Financial Services</b></li> <li>Integration into the traditional system</li> <li>Service offerings</li> <li>Embracing (only) the technology</li> </ul>

SESSION 4 13/06/2024	<ul> <li>Finance &amp; Risk</li> <li>Markets and financial models</li> <li>Price discovery</li> <li>Coordinate transformations</li> <li>Industry risks landscape</li> <li>Risk modelling</li> <li>Crypto industry failures</li> <li>Crypto on the balance sheet</li> </ul>
SESSION 5 20/06/24	<ul> <li>Classical Financial System</li> <li>History of fiat money</li> <li>Bitcoin and Crypto as Alternative Proposal</li> <li>History of bitcoin and crypto</li> <li>Crypto &amp; cyberpunk culture</li> <li>The people of crypto</li> </ul>
SESSION 6	Societal outlook and Personal outlook

27/06/24

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