

Fintech and Emerging Financing Models in a Dynamic World

SYLLABUS

VU Amsterdam Summer School

6 – 20 July 2024



Any general questions for the Summer School support team? Contact amsterdamsummerschool@vu.nl.

Course Details

Title	Fintech and Emerging Financing Models in a Dynamic World
Coordinator(s)	Frans Boumans
Other lecturers	Bernhard van der Biessen
Study credits	3 ECTS
Form(s) of tuition	On campus,
Approximate contact hours	45 hours
Approximate self-study hours	35 hours

Teaching staff (in order of appearance)

Frans Boumans

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Bernhard van der Biesen

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Course description

On this course, you will deal with real-life cases and projects, honing your creativity, flexibility, professional insights and social skills in lean (start-up) projects and scrums that equip you to face the future of today's gig economy. You will learn to innovate within a sustainable financial model or product, cooperating with financial experts in a business environment based on principles such as good finance, inclusive finance and international impact investment. New startups as well as banks, insurance companies, pension funds and other traditional financial institutions will reap the rewards of your expertise on finance's new frontier.

Learning objectives

At the end of this course, you:

- grasp the principles and concepts of doing business in an international market context in various economic cycles.
- can develop a lean start-up and arrange SME financing during the lifecycle of a firm.
- can utilize forecasting and scenario techniques to define financing needs and structures.
- can adopt various approaches to financial models and fintech innovations such as

blockchains.

- are able to work in cross-cultural teams, write a lean plan and present a innovation and funding request in a Dragons' Den setting.

Assignments and Assessment

The groups assignments at the end of both weeks will be graded equally weighted.

Provisional reading list

- Net positive by Andrew Winston and Paul Polman, former Unilever CEO
- The Value of a Whale by Adrienne Buller
- Regenerative Finance by John Fullerton <https://capitalinstitute.org/>
- Digital Business Ecosystems by Roel Wieringa & Jaap Gordijn

Course Schedule

Program week 1 - New Financing Models

July 8

Global credit crisis -> BoomBustBoom -> Financial crisis in Europe

Innovations: Canvas model in Banking; inclusive financing

Guestlecture STX Group (<https://stxgroup.com/>) tbc

July 9

Commercial banking vs Investment banking; Fintech case

Equity and debt along the lifecycle; Small cap share issue, SME bonds

Groupsassignments preparations

July 10

Guestlecture Nobion (see nobian.com)

Alternative funding sources; green bonds, impact investing

July 11

Sitevisit ING HQ: guestlecture Green financing (see: ing.com) tbc

Groupsassignments preparations

Presentations

July 12

Presentations

Wrap-up

Program week 2 - Blockchain

July 15

Introduction blockchain

How can blockchain replace trusted third party (i.e. Banks) based on games

Ecosystems. Are you able to use the checks and balances of your origination in a network?

How are organizations going to change if trust can be distributed?

July 16

Tokens: Tokens are the digital representations of a particular asset, Merit or utility in a blockchain.

Usecases Tokens: Customer loyalty, Food traceability

July 17.

Guest lecture **Self-Sovereign Identity (SSI)**.

Grasp the foundational principles of Self-Sovereign Identity (SSI).

Explain the core concepts, including decentralization and user control.

Differentiate SSI from traditional identity models.

July 18

Workshop by Warren Brandeis

Decentralized Autonomous Organization (DAO) is a system in which storage and transaction of value and notary (voting) functions can be designed, organized, recorded, and archived and where data and actions are recorded and autonomously executed in a decentralized way”

July 19

Presentations exercises

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