

Digital Finance — Teaching Schedule FS26

32 Lessons in 6 Course Days

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FS 2026

Day	Date	Modules	Lessons
1	Thu 12 Feb 2026	M1 Cost + M2 Access (start)	L1–L6
2	Fri 13 Feb 2026	M2 Access (end) + M3 Trust	L7–L12
3	Thu 16 Apr 2026	M4 Risk + M5 Automation (start)	L13–L18
4	Fri 17 Apr 2026	M5 Automation (end) + M6 Infrastructure	L19–L24
5	Thu 4 Jun 2026	M7 Compliance + M8 Future (start)	L25–L30
6	Fri 5 Jun 2026	M8 Future (end) + Presentations	L31–L32

- Each day: ~8 hours contact time (09:00–17:00)
- Days 1–5: 6 lessons each Day 6: 2 lessons + project presentations
- 3 blocks of 2 consecutive days, spaced across the semester

Room and Zoom details announced on Moodle one week before each block.

M1 Cost (L1–L4) + M2 Access (L5–L6)

Time	Session	Topic
09:00–09:45	L1 Lecture	Anatomy of a Payment
09:45–10:30	L2 Lecture	Economics of Intermediation
10:30–10:45	<i>Break</i>	
10:45–11:30	L3 Lecture	Real-Time Payments
11:30–12:15	L4 Lecture	Platform Economics
12:15–13:15	<i>Lunch break</i>	
13:15–14:00	Lab	M1 Notebooks (L1–L4)
14:00–14:45	L5 Lecture	Financial Exclusion
14:45–15:00	<i>Break</i>	
15:00–15:45	L6 Lecture	Credit Scoring
15:45–16:30	Lab	M2 Notebooks (L5–L6) + M1 Demo
16:30–17:00	Wrap-up	Quiz M1 + Q&A

Demo: Payment Fee Calculator (Streamlit).

M2 Access (L7–L8) + M3 Trust (L9–L12)

Time	Session	Topic
09:00–09:45	L7 Lecture	Democratising Investment
09:45–10:30	L8 Lecture	Algorithmic Fairness
10:30–10:45	<i>Break</i>	
10:45–11:30	Lab	M2 Notebooks (L7–L8) + M2 Demo
11:30–12:15	L9 Lecture	Cryptographic Foundations
12:15–13:15	<i>Lunch break</i>	
13:15–14:00	L10 Lecture	Consensus Mechanisms
14:00–14:45	L11 Lecture	Smart Contracts
14:45–15:00	<i>Break</i>	
15:00–15:45	L12 Lecture	DeFi & Stablecoins
15:45–16:30	Lab	M3 Notebooks (L9–L12) + M3 Demo
16:30–17:00	Wrap-up	Quiz M2 + Quiz M3

Demos: Credit Score Fairness (Streamlit), Hash & Block Explorer (Streamlit).

M4 Risk (L13–L16) + M5 Automation (L17–L18)

Time	Session	Topic
09:00–09:45	L13 Lecture	Measuring Market Risk
09:45–10:30	L14 Lecture	Derivatives & Options
10:30–10:45	<i>Break</i>	
10:45–11:30	L15 Lecture	Institutional Risk
11:30–12:15	L16 Lecture	New Risk Landscape
12:15–13:15	<i>Lunch break</i>	
13:15–14:00	Lab	M4 Notebooks (L13–L16) + M4 Demo
14:00–14:45	L17 Lecture	ML Foundations
14:45–15:00	<i>Break</i>	
15:00–15:45	L18 Lecture	GenAI & LLMs
15:45–16:30	Lab	M5 Notebooks (L17–L18)
16:30–17:00	Wrap-up	Quiz M4 + Q&A

Demo: VaR Calculator (Streamlit).

M5 Automation (L19–L20) + M6 Infrastructure (L21–L24)

Time	Session	Topic
09:00–09:45	L19 Lecture	Limits of Prediction
09:45–10:30	L20 Lecture	MLOps
10:30–10:45	<i>Break</i>	
10:45–11:30	Lab	M5 Notebooks (L19–L20) + M5 Demo
11:30–12:15	L21 Lecture	Payment Rails
12:15–13:15	<i>Lunch break</i>	
13:15–14:00	L22 Lecture	Core Banking
14:00–14:45	L23 Lecture	API Economy
14:45–15:00	<i>Break</i>	
15:00–15:45	L24 Lecture	Next-Gen Infrastructure
15:45–16:30	Lab	M6 Notebooks (L21–L24) + M6 Demo
16:30–17:00	Wrap-up	Quiz M5 + Quiz M6

Demos: ML Model Arena (Streamlit), API Latency Simulator (matplotlib).

M7 Compliance (L25–L28) + M8 Future (L29–L30)

Time	Session	Topic
09:00–09:45	L25 Lecture	AML/KYC
09:45–10:30	L26 Lecture	RegTech
10:30–10:45	<i>Break</i>	
10:45–11:30	L27 Lecture	Regulating the New
11:30–12:15	L28 Lecture	Model Risk Governance
12:15–13:15	<i>Lunch break</i>	
13:15–14:00	Lab	M7 Notebooks (L25–L28) + M7 Demo
14:00–14:45	L29 Lecture	Digital Identity
14:45–15:00	<i>Break</i>	
15:00–15:45	L30 Lecture	Quantum Computing
15:45–16:30	Lab	M8 Notebooks (L29–L30)
16:30–17:00	Wrap-up	Quiz M7 + Q&A

Demo: **AML Rule Tester (Streamlit)**.

M8 Future (L31–L32) + Project Presentations + Wrap-up

Time	Session	Topic
09:00–09:45	L31 Lecture	Climate Finance
09:45–10:30	L32 Lecture	Future Synthesis
10:30–10:45	<i>Break</i>	
10:45–11:30	Lab	M8 Notebooks (L31–L32) + M8 Demo
11:30–12:15	Quiz M8	Final quiz + buffer
12:15–13:15	<i>Lunch break</i>	
13:15–14:45	Presentations	Group 1–4 (15 min each)
14:45–15:00	<i>Break</i>	
15:00–16:30	Presentations	Group 5–8 (15 min each)
16:30–17:00	Course Wrap-up	Summary, feedback, next steps

Demo: Scenario Planner (Streamlit). Project submissions due 1 week after Day 6.

Date	Event	Deliverable
12 Feb 2026	Day 1	—
13 Feb 2026	Day 2	Project topic selection
16 Apr 2026	Day 3	Project interim report
17 Apr 2026	Day 4	—
4 Jun 2026	Day 5	—
5 Jun 2026	Day 6	Project presentation
12 Jun 2026	Deadline	Final project submission

- Quizzes are taken at the end of each teaching day
- Best 6 out of 8 module quizzes count toward the final grade
- All materials available on the course website before each block

Calendar invites sent via Moodle. Check for room updates before each block.