

QUANTUM SECURITY & PQC

Quantum-Safe Financial Services

SECTOR OVERVIEW

Plan post-quantum migration across banking, capital markets and financial infrastructure, with attention to shared dependencies and sector governance.

DURATION

4 hours

Short professional course

LEVEL

Intermediate

No formal prerequisites

ON-DEMAND FEE

US\$249

Online on-demand

Coordinate the financial transition.

WHAT YOU WILL LEARN

- ✓ Map cryptographic dependencies across customer channels, payments and market infrastructure.
- ✓ Connect applicable sector requirements to migration planning and evidence.
- ✓ Plan coordination with counterparties, payment networks and infrastructure operators.
- ✓ Address hardware security modules, key management and testing requirements.

WHO SHOULD ATTEND

Security leaders, risk and compliance staff, technology architects and program managers at financial institutions and market infrastructure operators.

PREREQUISITES

None. Sector experience helps. Post-Quantum Foundation is an optional starting point.

Why Quantum Academy

Our faculty runs sector migration programs. The course applies the Financial Services Extension of the Applied Quantum PQC Migration Framework.

What you will study

Sector-specific priorities for post-quantum migration.

01 The Financial Services Cryptographic Estate

Map interconnected cryptography in payment flows, trading, clearing, settlement and customer channels. Identify dependencies that require coordination across institutions.

02 Regulatory Drivers

Examine financial-sector guidance and jurisdictional differences. Assess how supervisory expectations, disclosure considerations and operational resilience affect migration planning.

03 Migration Strategy for Financial Services

Prioritize data and systems, assess hardware security module dependencies and coordinate across borders. Use established governance and vendor management to organize the roadmap.

04 Implementation Considerations

Plan key management, HSM upgrades and payment-network coordination. Define validation, trading-platform considerations and reporting during the transition.

Formats and fees

Online on-demand	US\$249
Live online	US\$379
In person	US\$499
Private team training	Custom quote

What is included

- Course handbook: full material with written instructor notes.
- 180 days of online on-demand access. Where that course is not yet published, the 180 days start on the day it is.
- PDF copy of Quantum Ready by Marin Ivezić, at no extra cost.

Includes a certificate of completion. This is not a professional certification.

Explore the course

View course details at QuantumAcademy.com



On-demand enrollment opens soon. Check the course page for live dates and availability.

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