

QUANTUM SECURITY & PQC

Quantum-Safe Insurance

SECTOR OVERVIEW

Address the insurer's own cryptographic migration and the assessment of quantum exposure in cyber underwriting.

DURATION

3 hours

Short professional course

LEVEL

Intermediate

No formal prerequisites

ON-DEMAND FEE

US\$249

Online on-demand

Assess both sides of quantum risk.

WHAT YOU WILL LEARN

- ✓ Assess long-term exposure across policyholder, medical and claims data.
- ✓ Sequence migration across policy administration, claims and reinsurer interfaces.
- ✓ Evaluate a client's post-quantum readiness during cyber underwriting.
- ✓ Explain migration priorities and underwriting considerations to leadership.

WHO SHOULD ATTEND

Insurance CISOs, security architects, cyber underwriting leads, and actuarial and risk teams responsible for cyber exposure and policyholder information.

PREREQUISITES

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

Why Quantum Academy

Quantum Academy teaches from the Applied Quantum PQC Migration Framework and faculty experience running enterprise migration programs.

What you will study

Sector-specific priorities for post-quantum migration.

01 Insurer Cryptographic Exposure

Map policyholder, actuarial, investment and financial-data dependencies. Distinguish the insurer's own migration from assessing the exposure of insured organizations.

02 Quantum Risk Underwriting

Assess readiness claims, questionnaires and policy considerations. Examine how uncertain technology timelines affect risk evaluation and underwriting decisions.

03 Regulatory Compliance

Review relevant supervisory and cybersecurity frameworks, including Solvency II, NAIC models and DORA where applicable. Identify implications for planning and evidence.

04 Insurer Migration Strategy

Prioritize systems, address legacy constraints and coordinate lines of business. Consider claims, policy administration and reinsurance dependencies.

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 Ivezic, 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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