

LEADERSHIP & STRATEGY

Quantum Supply Chains and Geopolitics

QUANTUM TECHNOLOGY COURSE

Map the components, national strategies and geopolitical constraints behind quantum technology, then assess their implications for procurement, partnerships and technology choice.

DURATION

3 hours

Short professional course

LEVEL

Foundational

No physics prerequisite

ON-DEMAND FEE

US\$299

Online on-demand

Understand dependencies before committing.

WHAT YOU WILL LEARN

- ✓ Map critical components, concentrated suppliers and single points of failure.
- ✓ Assess quantum sovereignty across six strategic dimensions.
- ✓ Evaluate how export controls and investment restrictions affect access.
- ✓ Apply sovereign optionality to procurement and partnership decisions.

WHO SHOULD ATTEND

Technology strategists, policy analysts, corporate development professionals, government officials and senior leaders assessing quantum technology choices under geopolitical constraints.

PREREQUISITES

No formal prerequisites or physics background required. Quantum Computing Fundamentals is optional preparation.

Why Quantum Academy

The course draws on Quantum Systems Integration by Marin Ivezic and faculty experience working with quantum engineering and integration teams.

What you will study

Supply chain dependencies, national strategies and organizational freedom of action.

01 The Quantum Supply Chain

Examine cryogenics, dilution refrigerators, control electronics and rare materials such as helium-3. Map concentrated suppliers and sole-source dependencies across hardware approaches.

02 National Strategies and Investment

Compare national programs, public and private investment, and China as a case study. Assess sovereignty across cryptography, compute, supply chains, sensing, talent and architecture.

03 Export Controls and Geopolitics

Evaluate technology-transfer restrictions and geopolitical risks. Apply sovereign optionality to preserve strategic choices without treating total self-sufficiency as the goal.

Formats and fees

Online on-demand	US\$299
Live online	US\$449
In person	US\$599
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 Sovereignty by Marin and Luka 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](https://quantumacademy.com)



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

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