

MQIST: Your Gateway to the Quantum Revolution!

Step into the future with the Interuniversity Master's in Quantum Information Science and Technologies (MQIST). In collaboration with the Universities of Santiago de Compostela, A Coruña, and Vigo, MQIST immerses you in the Second Quantum Revolution. Quantum information science and technology will be a cornerstone of future communications and computing.

Why Choose This Program?

MQIST: Your Passport to the Quantum Revolution!

Cutting-Edge Training:

Prepare to lead in the exciting field of quantum computing. Supported by the European Union and backed by tech giants like Google, Amazon, and Microsoft, who heavily invest in this technology.

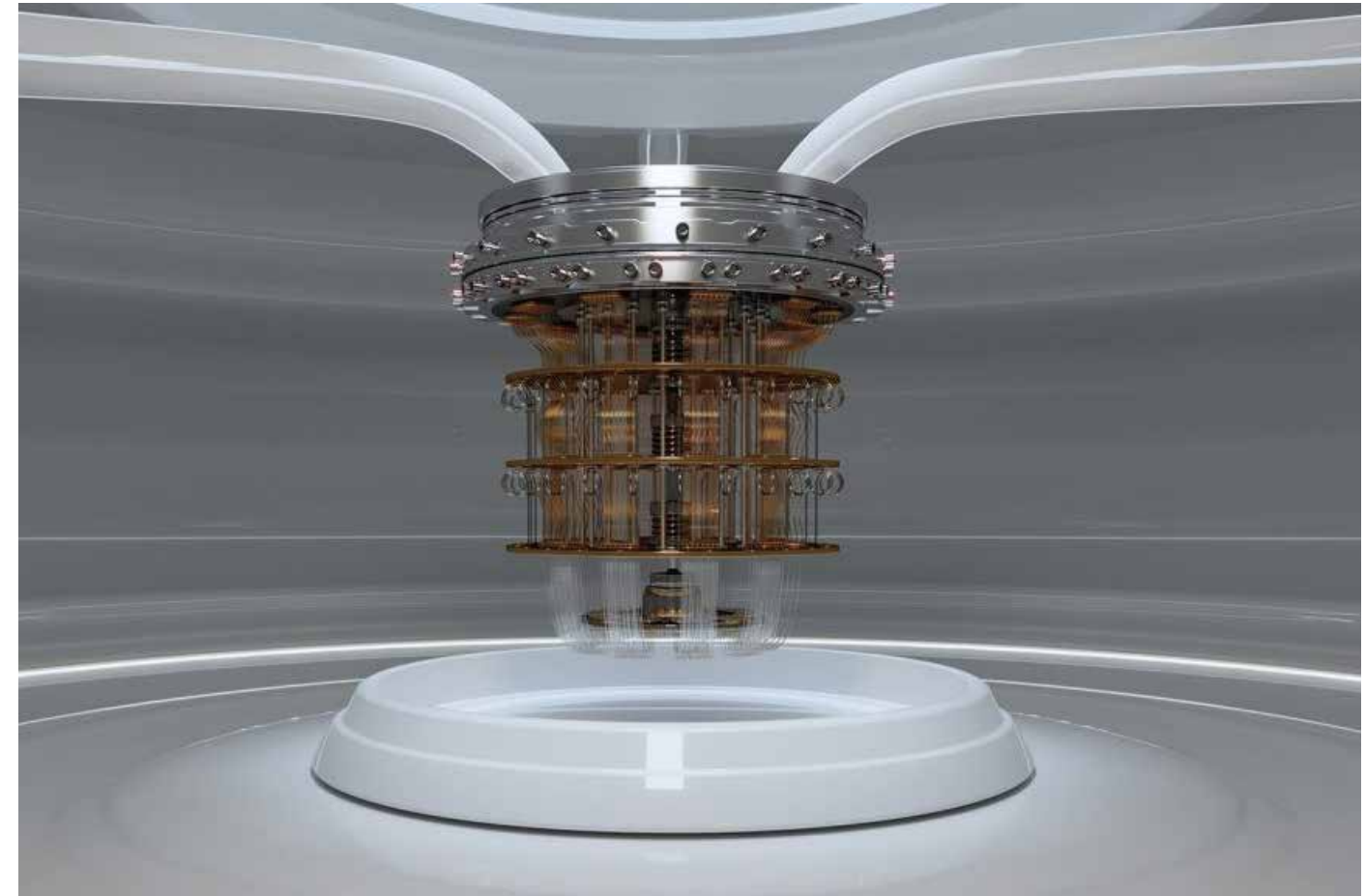
Guaranteed Career Path:

Designed for graduates in science, engineering, or computer science, MQIST provides advanced knowledge and skills that pave the way for a successful career in the quantum information industry.

Join the revolution with MQIST and make your future extraordinary!



MASTER'S DEGREE IN QUANTUM INFORMATION SCIENCE AND TECHNOLOGIES (MQIST)



Master's Degree in Quantum Information Science and Technologies

- ✔ Duration: 1 year
- ✔ Credits: 60 ECTS — 15 ECTS for the Master's Thesis, 27 ECTS for elective courses, and 3 ECTS for internships.
- ✔ Joint Degree: Awarded by the Universidade de Santiago de Compostela (coordinator), the Universidade de Vigo, and the Universidade da Coruña.
- ✔ In-person.
- ✔ 24 Available Seats: 8 at each participating university.
- ✔ Languages: Spanish, Galician, English.

Why Study at the School of Telecommunication Engineering in Vigo?

+30

Over 30 years of training professionals in Telecommunication Engineering.



Internships with industry-leading companies.



Highly practical degree.

Is MQIST Right for You?

Recommended Profile:

Ideal for graduates in sciences like Physics, Chemistry, Mathematics, Nanoscience, Nanotechnology, or related fields. Engineering backgrounds, especially in Computer Engineering, Telecommunication Engineering, Industrial Engineering, Aerospace Engineering, Engineering Physics, and related fields, are also valued.

Required Knowledge:

Solid foundation in Mathematics, including linear algebra, analysis, and probability. Basic programming skills are recommended.

Take the next step in your career with MQIST!

Career and Academic Opportunities

- ✔ Quantum computing scientists and engineers.
- ✔ Specialists in quantum communications, networks, and Internet.
- ✔ Experts in quantum metrology, sensing, and calibration.
- ✔ Quantum algorithm specialists for finance, biology, AI, and large-scale optimization.
- ✔ Designers and managers of classical-quantum information systems.
- ✔ Diseño e ingeniería de ordenadores cuánticos.
- ✔ Scientists and engineers in quantum information.

Leading the Quantum Revolution in Europe

The European Union is committed to advancing quantum science and technology, aiming to become a global leader and foster competitive companies in communications, computing, and measurement. Major European companies like Airbus Defence and Space, Alcatel Lucent, ASML, Bosch, IBM, Nokia, IMEC, Safran, Siemens, and Thales, along with innovative firms like y2v, Gooch & Housego, ID Quantique, M Squared Lasers, Lux Quanta, Muquans, Single Quantum, and Toptica, demonstrate a growing interest in quantum information.

MQIST: Forging the Quantum Future

At this time, the Interuniversity Master's Degree in Quantum Information Science and Technologies (MQIST) emerges as a strategic alliance between the Universities of Santiago de Compostela, A Coruña, and Vigo. This pioneering program offers specialized post-graduate studies at the technology frontier, with a rigorous scientific approach covering everything from scientific principles (physics, mathematics, and computing) to industrial applications. With an anticipated annual growth rate of 50% in the QIST market, MQIST prepares you to lead the future of quantum information. Join the revolution!

Join MQIST and prepare to lead the Quantum Revolution!