



Master's Program in Quantum Science

Launched Fall 2025

Prepare for leadership in the Second Quantum Revolution through an advanced, interdisciplinary master's program designed to train the next generation of quantum scientists and technologists.

Program Overview

The Quantum Science Master's Program at Rutgers University provides rigorous training in the theoretical foundations and practical applications of quantum science. Students gain exposure to cutting-edge developments in quantum computing, quantum materials, and quantum information science, while building skills directly aligned with industry and research careers.

Curriculum Highlights

- Quantum information and computation
- Quantum error correction
- Strongly correlated quantum matter
- Quantum circuits, simulators, and algorithms
- Hands-on engagement with real quantum computing platforms

Program Details

Degree: Master of Science (Quantum Science)

Credits: 36 (two-year program)

Internships: Summer opportunities with industry and research partners

Location: Rutgers University, New Jersey (minutes from New York City)

Why Rutgers Quantum Science

- ✓ Workforce-focused curriculum for emerging quantum industries
- ✓ Integration of theory, computation, and experimental perspectives
- ✓ Access to world-class faculty and interdisciplinary research
- ✓ Strong connections to industry, national labs, and startups

Upcoming Information Session

Virtual Open House

TBD

Join faculty to learn about the program, curriculum, and career pathways.

Apply & Learn More



Applications are now open through Rutgers Graduate Admissions.
go.rutgers.edu/msquantum

For more information, please reach out to us at:
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