COMP 649. QUANTUM CRYPTOGRAPHY.

Credits: 4

Offered by: Computer Science (Graduate Studies)

This course is not offered this catalogue year.

Description

Review of the basic notions of cryptography and quantum information theory. Quantum key distribution and its proof of security. Quantum encryption, error-correcting codes and authentication. Quantum bit commitment, zero-knowledge and oblivious transfer. Multiparty quantum computations.

- Prerequisite: COMP 547 and permission of the instructor.
- Restriction: An introduction to notions of Information Theory is required.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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