Computer Science Master Program
Rochester Institute of Technology/NY/USA

Program Overview
The computer science program is designed for students who have an undergraduate degree (or minor) in computer science, as well as those who have a strong background in a field in which computers are applied: such as engineering, science, or business.

Program of Study
The program consists of 30 credit hours of course work, which includes either a thesis or a project. Students complete one core course, three courses in a cluster, four electives, and a thesis. For those choosing to complete a project in place of a thesis, students complete one additional elective.

Cluster
Students select three cluster courses from the following areas:
- Computer Graphics and Visualization
  The Graphics and Visualization Cluster provides the technical foundations for graduate studies in Computer Graphics and Image Understanding.
- Data Management
  The Data Management Cluster studies the foundational data management and knowledge discovery challenges prevalent in design, analysis and organization of data.
- Distributed Systems
  This area studies systems formed from multiple cooperating computers. This includes the analysis, design, and implementation of distributed systems, cloud computing processing frameworks, distributed middleware, and computer networking protocols.
- Intelligent Systems
  Intelligent Systems encompasses the study of algorithms and architectures that enable effective decision making in complex environments.
- Languages and Tools
  The Languages and Tools cluster clusters language design and implementation together with architecture and use of software development tools.
- Security
  The Security area spans topics from networking to cryptography to secure databases.
- Theory
  The Theory area studies the fundamentals of computation. These fundamentals include complexity theory to determine the inherent limits of computation and complexity.

Co-Op Program
Graduate students are allowed the equivalent of two semesters and one summer term of co-op employment by the CS department. 90% of the CS MS students chose to do so. They average hour salary is $26.87.

Graduation Rate and Job Prospective
The graduation rate is ~92%. Most students have multiple job offers before graduation in hand. The average staring salary is $89,000. CS MS graduates work for Amazon, Apple, Facebook, Google, Kodak, Microsoft, Rockstar Games, Xerox, etc.