About the Program

The Master of Science (M.S.) in Computer Science program is designed for students who have completed their undergraduate degree in Computer Science, Information Technology, Computer Information Systems or a similar program and who seek to enhance their theoretical, analytical and practical skills through an advanced degree in Computer Science. Achieving an M.S. degree in Computer Science provides career opportunities in computer, financial, healthcare, media/telecom, defense, entertainment, retail, real estate, education, government, and non-profit industries/entities.

Academic Calendar & Application Deadlines

<table>
<thead>
<tr>
<th>Semester</th>
<th>Complete Admissions by:</th>
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<tbody>
<tr>
<td>Fall (September–December)</td>
<td>August 31</td>
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<tr>
<td>Winter (January–April)</td>
<td>December 31</td>
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International applicants are encouraged to apply three months before the start date.

Pre-requisite Criteria

One credit foundation core courses may be required for M.S. in Computer Science students with non-computer backgrounds.

- KG 570 — Foundations of Computer Science
- KG 571 — Foundations of Programming
- KG 572 — Foundations of Web Design
- KG 573 — Foundations of Database
- KG 574 — Foundations of Computer Networks

Contact Information

U.S. Citizens/Permanent Residents
All admissions related correspondence should be sent to the campus of your choice.

Bronx Campus
King Graduate School
Monroe College
2375 Jerome Avenue
Bronx, NY 10468

New Rochelle Campus
King Graduate School
Monroe College
434 Main Street
New Rochelle, NY 10801

Queens Extension Center
King Graduate School
Monroe College
135-16 Roosevelt Avenue, 4th Floor
Flushing, NY 11354

International Students
All international admissions related correspondence should be sent to:

King Graduate School
Monroe College
Office of International Programs
434 Main Street
New Rochelle, NY 10801

Students applying to the St. Lucia Campus should send correspondence to:

St. Lucia Campus
P.O. Box CP5419
John Compton Highway
Castries LC04 101
St. Lucia

For more information about the M.S. Degree in Computer Science, please contact the King Graduate School directly or visit our website:

Phone: 1-800-556-6676
Email: king@monroecollege.edu
Website: www.monroecollege.edu/king
The Master of Science in Computer Science program is designed to enhance theoretical, analytical and practical skills through a solid foundation in the areas of programming, web design, database management system, networking and project management. Students will also study the cutting-edge technologies including cybersecurity, cloud computing, artificial intelligence, and mobile computing. Computer Science is the driving force behind the way we live our lives in this technology-driven world.

**Foundation Core Courses (1 credit)**

One credit foundation workshops may be required for M.S. in Computer Science students.

KG 601 — Research and Critical Analysis (may be required)

KG 583 — Statistics (may be required)

**Core Courses**

The Masters of Science in Computer Science is a 36 credit program consisting of 7 core courses (21 credits), 3 elective courses (9 credits), and a thesis/project (6 credits).

**PROFESSIONAL CORE**

KG 605 — Ethics and Leadership: An Interdisciplinary Perspective

CS 610 — Computer Architecture

CS 615 — Operating System Design

CS 620 — Software System Design

CS 625 — Object Oriented Software

CS 630 — Database Systems

CS 640 — Computer Networks

**Elective Courses (any 3 courses — 9 credits)**

CS 627 — Human Computer Interface Design

CS 633 — Data Mining

CS 635 — Mobile Computing

CS 637 — Designing e-Commerce Site

CS 645 — Computer Security & Privacy

CS 650 — Artificial Intelligence

CS 660 — Managing Projects, Resources & Risks

CS 670 — Cloud Computing

**Graduate Thesis/Project (6 credits)**

CS 700 — Special Project in Computer Science

or

CS 705 — Computer Science Thesis

* CS 700 or CS 705 can be taken in two semesters by registering for 3 credits in each semester*

For consumer information about this program and its graduates, go to www.monroecollege.edu/info.