

Broaden Your Data Skills

The 36-credit Master of Science degree in Data Science is designed for students who have completed their undergraduate degree in Computer Science, Information Technology, Computer Information Systems, or a similar program. This graduate degree program gives you an opportunity to seek career advancement or to enhance your theoretical and practical skills in coding, data modeling, data mining, machine learning, networking, big data, cloud architecture, statistical computing, and technical analytic techniques. As a graduate, you will possess skills for utilizing leading edge resources such as Hadoop, AWS, SAS, JMP, and Tableau; and languages such as SQL, Python and R.

Expand Employment Opportunities

Graduates of the MS in Data Science program will be qualified for employment as a Data Scientist, Data Analyst, Data Statistician, Predictive Analyst, Technical Analyst, Data Engineer, Machine Learning Engineer, or Instructor in private, government, and non-profit sectors. The program also prepares you for various industry-recognized certifications, among them:

- Certified Analytics Professional (CAP)
- Data Science Council of America (DASCA)
- IBM Certified Data Architect
- Microsoft MCSE-Data Management and Analytics
- Microsoft Certified Azure Data Scientist Associate
- SAS Certified Advanced analytics Professional
- SAS Certified Big Data Professional
- SAS Certified Data Sciences

Flexible Study Options

- Virtual
- On campus
- Hybrid



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

International Students

All international admissions related correspondence should be sent to:

King Graduate School

Monroe College
Office of International Programs
145 Huguenot 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 Master of Science in Data science, please contact the King Graduate School or visit our website:

Phone: 1-800-556-6676; Email: king@monroecollege.edu; Website: www.monroecollege.edu/king

MASTER OF SCIENCE IN DATA SCIENCE

Semester 1	Credit (s)
KG 604 – Graduate Research & Critical Analysis	3
CS 628 – Data Science	3
CS 630 – Database Systems	3
Total Credits	9

Semester 2	Credit(s)
CS 617 – Statistical Computing	3
CS 633 – Data Mining	3
CS 650 – Artificial Intelligence	3
Total Credits	9

Semester 3	Credit(s)
CS 640 – Computer Networks or Elective	3
CS 655 – Machine Learning	3
CS 665 – Analytic Techniques or Elective	3
Total Credits	9

Semester 4	Credit(s)
CS 670 – Cloud Computing	3
CS 675 – Big Data: Management & Analytics	3
CS 703 – Applied Data Science Project (capstone)	3
Total Credits	9

Note: International students may take 2 courses per semester plus a 1-credit CPT course to meet the full-time requirement.