

**DATA ANALYTICS
#0150**

Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

| SEMESTER I | | | SEMESTER II | | |
|------------------------------|---------|----------------|------------------------------------|---------|----------------|
| | | CREDITS | | | CREDITS |
| Introduction to Data Science | MAT 114 | 3 | Database Programming | CMP 241 | 3 |
| Probability & Statistics | MAT 130 | 4 | Data Science Programming OR | CMP 262 | 3 |
| Fundamentals of Prog | CMP 131 | 3 | Internship – Quantitative Analysis | MAT 223 | |
| TOTAL | | 10 | TOTAL | | 6 |

CERTIFICATE COMPLETION

Because some of the courses in the Data Analytics certificate are prerequisites of others, the certificate will take at least two semesters to complete (this does not include any developmental course work in math that may be required).

MATH PREREQUISITE INFORMATION

To enroll in MAT 114, Introduction to Data Science and MAT 130, Probability and Statistics, students must have the proper exemption from introductory and intermediate developmental algebra through one of the following ways: passing through the Algebra Accuplacer placement test, evaluation of the high school transcript (for recent graduates) for developmental math exemptions, meeting CCM’s minimum Math SAT or ACT requirements, or appropriate transfer of credit in a college-level math course.

OTHER PREREQUISITE INFORMATION

The prerequisite of CMP 241 is CMP 131 Fundamentals of Programming
The prerequisite for CMP 262 is CMP 131 Fundamentals of Programming

HONORS OPTION

There is an honors option for MAT 130 Probability and Statistics, students can take MAT 183 Honors Probability and Statistics.

GENERAL EDUCATION: [Click here for the most recent General Education course list.](#)