



**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.*

<b>SEMESTER I</b>			<b>SEMESTER II</b>		
		<b>CREDITS</b>			<b>CREDITS</b>
Introduction to Data Science	MAT 114	3	Data Science Programming	CMP 262	3
Introduction to AI	CMP 136	1	Elective Choice		3/4
AI Lab	CMP 137	2			
Fund of Prog. (Python)	CMP 131	3			
	<b>TOTAL</b>	<b>9</b>		<b>TOTAL</b>	<b>6/7</b>

**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 (or MAT 130 Probability and Statistics or MAT 124 Statistics – if you choose either for your elective), you must have the proper exemption from intermediate developmental algebra by passing the Algebra Accuplacer placement test, review of the high school transcript (for recent graduates), the minimum Math SAT or ACT requirements, or appropriate transfer of credit in an equivalent college math course.

**OTHER PREREQUISITE INFORMATION**

The prerequisite of CMP 241 is CMP 131 Fundamentals of Programming.

The prerequisite of CMP 262 is CMP 131 Fundamentals of Programming

The prerequisite of CMP 264 is MAT 114 Introduction to Data Science and CMP 131 Fundamentals of Programming

**HONORS OPTION**

If you are interested in taking MAT 130 Probability and Statistics as their elective choice, there is an honors option available - MAT 183 Honors Probability and Statistics.

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