CERTIFICATE OF ACHIEVEMENT
DATA SCIENCE
A certificate of achievement leading to an entry level position which specializes in the fundamentals of Data Science. Students completing this sequence will have enough basic Data Science skills to enable them to assist managers in small, medium, and large-sized organizations.

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Mathematics 160	Elementary Statistics	4
or		
Biology 215	Statistics for Life Sciences	(3)
or		
Anthropology 215	Statistics for the Behavioral Sciences	(4)
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	Statistics for the Behavioral Sciences	(4)
or		
Economics 215	Statistics for Business and Economics	(3)
Geography 104	Introduction to Geographic Information Science	3
Computer Science Info. Systems 276	Introduction to SQL	3
or		
Computer Science Info. Systems 180	Fundamentals of Database Design	(3)
Computer Science Info. Systems 250	Introduction to Python Programming	4
Physical Science 120	Fundamentals of Scientific Computing	4
or		
Computer Science Info. Systems 110	Principles of Information Systems	(4)
	Total	17-18

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in Data Science. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.
Note: All courses must be completed with a letter grade of "C" or higher.