

DATA ANALYTICS, SC

Program Description

The Data Analytics degree prepares students with the essential to start in the field of Data Analytics. The short-term certificate equips students with skills in R for visualizing and understanding data, in SQL for data management, and provides an introduction to Python for Data Science programming.

Recommended Course Schedule

First Year

1st semester		Units
DATA 101	Introduction to Data Science	3
CS 105	Introduction to Computing	3
DATA 210 or CIT 180	Introduction to SQL for Data Science or Database Concepts and SQL	3
Semester Total		9
Total Units		9

Program Requirements

Skills Certificates can consist of a single course or a short set of courses that provide training for entry-level positions or career advancement. These short-term certificates may also prepare students to take state, national and/or industry-recognized certifications or licensing exams.

Skills certificates are awarded upon completion of coursework and marked on a student's transcripts at the end of the semester. Students cannot declare a skills certificate as one's major. Skills Certificates are not eligible for Financial Aid.

To earn a skills certificate, students must:

1. Maintain a minimum cumulative GPA of 2.0.
2. Have no financial or library obligation to the college.

Code	Title	Units
DATA 101	Introduction to Data Science	3
DATA 210 or CIT 180	Introduction to SQL for Data Science Database Concepts and SQL	3
CS 105	Introduction to Computing	3

Program Outcomes

Students will....

1. Apply practical statistical skills to complete data exploration and visualization
2. Demonstrate data processes using statistical inference in R and data querying
3. Utilize fundamental elements of the Python programming language as it applies to Data Analytics