

APPLIED DATA ANALYTICS CERTIFICATE

A Certificate in Applied Data Analytics provides an introduction into using data to create actionable insight for decision making. The certificate prepares students to use basic analysis methods to understand and prepare the data, conduct analysis on the data, and evaluate the ethical considerations of collecting and disseminating data and information. The curriculum includes the use of R and SQL languages to prepare and analyze data and produce basic data visualizations. Throughout the curriculum, students have opportunities to select their own data and choose problems they wish to study so that they can apply their unique expertise to study relevant data and generate meaningful insights. All courses in the certificate program may be applied to the full master's degree.

Contact Information

cis@css.edu

Requirements

Students must achieve the following program requirements for all courses listed under Program Requirements and Program Required Courses for the Applied Data Analytics certificate.

Program Requirements

Certificate Credits: 12

Minimum GPA: 3.0

Minimum Grade: C

Foundational/Prerequisite Course Requirement: Inferential Statistics

Program Required Courses

Code	Title	Credits
CIS 6105	Data Analytics for Decision Making	3
CIS 6107	Data Storage and Retrieval	3
CIS 6110	Applications of Data Analytics	3
CIS 6113	Legal and Ethical Considerations of Information Technologies	3
Total Credits		12

Degree Requirements

To graduate from The College of St. Scholastica, graduate students must meet the following minimum degree requirements.

Minimum GPA: 3.0