

DATA SCIENCE

Overview

Degrees Offered: AS

Program Begins: Fall, Spring, Summer

Delivery Method: Online, On Campus

Phone: 701-224-5486

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Description

The associate in science curriculum for Data Science transfer is designed for students who plan to transfer to four-year colleges or universities to complete baccalaureate degree programs in data science with a mathematics emphasis. The program provides a functional curriculum of mathematics, statistics, computer science, communication, and science required by most data science programs with a math emphasis.

Preparation

Data Scientists should have an analytical mind, creativity, capacity for detail, interest in advanced mathematics and statistics, ability to work as part of a team, and good oral and written skills. High school students should study as much math as possible. Knowledge of word processing, spreadsheets, and computer programming is helpful.

Requirements

Students completing the suggested curriculum would meet all requirements for an Associate in Science degree.

Bismarck State College has established transfer equivalencies for students transferring to South Dakota State University. Bismarck State College also has many cooperative, articulation, or transfer agreements with postsecondary institutions. In all cases, students seeking to transfer after completing a degree at BSC should consult the academic catalog of their destination college and work with their academic advisor to plan for this transition.

Career Opportunities

Work activities for data scientists may include finding, cleaning, and organizing data for companies. Data scientists will need to be able to analyze large amounts of complex raw and processed information to find patterns that will benefit an organization and help drive strategic business decisions.

Degree Plans

- Data Science Associate in Science