

DATA SCIENCE

NEW PROGRAM



TRANSFER

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 two-to-three year program provides a functional curriculum of mathematics, statistics, computer science, communication, and science required by most data science programs with a math emphasis.

Work activities for data scientists may include using mathematics, statistics and computational tools to analyze data. Data scientists will need to be able to analyze large amounts of complex raw and processed information to help organizations of all sorts, and society as a whole, make better decisions.

PREPARATION AND REQUIREMENTS

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.



CAREERS

- Data Scientist
- Predictive Analyst
- Statistician
- Financial Analyst
- Business Analyst
- Risk Analyst

Bismarck State College has established transfer equivalencies for students transferring to South Dakota State University. BSC 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.

