

# DATA SCIENCE

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Program Director: Nathan Pennington

Data Science is the science of planning for, acquiring, managing, analyzing, modeling, and drawing inferences from data. Data Science combines computational and statistical thinking practices, with a foundation in mathematics, to answer data-driven questions about the world. Students majoring in Data Science will apply statistical inference and modeling techniques to large data sets, develop computation and algorithmic problem-solving skills for interacting with data, and use mathematical tools to develop and evaluate new approaches for data modeling. Data Science majors will be able to communicate with both data consumers and data producers through written, oral, and visual techniques, and explore the ethical and professional issues surrounding the data revolution.

Major in Data Science (<http://catalog.creighton.edu/undergraduate/arts-sciences/data-science/data-science-major/>)

Data Science minor (<http://catalog.creighton.edu/undergraduate/arts-sciences/data-science/data-science-minor/>)