Master of Science in Data Science & Analytics

Data Science Careers

Graduates in the data science program may find careers in these roles:
- Data Scientist
- Data Engineer
- Data Analyst
- Machine Learning Scientist
- Machine Learning Engineer
- Applications Architect
- Statistician
- Enterprise Architect
- Business Intelligence (BI) Developer
- Computer and Information Systems Manager
- Database Administrator

Application

To apply, go to:
http://blue.odu.edu/admission/apply/

Requirements include:

Bachelor’s degree from regionally accredited institution or equivalent; official transcripts from all institutions attended; resume; statement of professional goals; undergraduate coursework or experience in computer science, mathematics, statistics, information technology, engineering, or a related field; two letters of recommendation.

Contact

ODU Graduate School
2102 Monarch Hall
Norfolk, VA 23529
757-683-4885 (office)
datascience@odu.edu
https: www.odu.edu/graduateschool

Earn Your Master’s Degree in Data Science & Analytics!

The Master of Science in Data Science & Analytics is a 30-credit hour, non-thesis degree program. The curriculum consists of a Core of 18 credits (6 courses), a choice of two concentrations, and a capstone project. The two concentrations are in Computational Data Analytics and Business Intelligence & Analytics. The objective of the Core is to lay the foundation required by a data scientist working in any field. Core courses will establish proficiency in data discovery, collection, processing, and cleaning; exploratory data analysis using statistics and visual analytics; and statistical modeling for prediction/forecasting. The capstone project in both concentrations will provide the opportunity to synthesize knowledge from coursework to solve real-world problems.

An Interdisciplinary, Data-Driven Program – By Design!

Coursework for the Computational Data Analytics concentration focuses on programming languages, use of complex statistical tools, and mathematical modeling. Graduates will be able to enter data science, analytical, and statistical fields. Coursework for the Business Intelligence & Analytics concentration focuses on providing students with the skills to gather, analyze, and use data to make informed decisions. Graduates will be prepared to enter business and organizations that need educated professionals to help make informed recommendations.