

PROGRAM OVERVIEW

The Bachelor of Science in **Data Analytics** provides a comprehensive understanding of big data development, processing, and analysis. The degree program prepares graduates to evaluate and propose business solutions using tools for data mining and statistical analysis. Coursework includes study in mathematics, statistics, programming, and data management and analysis, designed to provide a foundation for graduates to enter a career in the growing data analytics field.

UNIVERSITY CORE (46 hrs.)

Specific courses within the University Core are listed in the University catalog, located at catalog.macu.edu.

ELECTIVES (44 hrs.)

Students may replace electives with a specialization in Accounting, Bioinformatics, Business, Cybersecurity, Healthcare Management, Math, or Sports Management. For more information, please refer to the University catalog, located at catalog.macu.edu.

COSTS AND FEES

Online/Evening Accelerated: Courses in the **Data Analytics** program cost \$455/credit hour for lower division classes and \$499/credit hour for upper division classes.

On Campus/Traditional: Tuition per semester (12-17 credit hours) costs \$10,500 for 2026-27.



MAJOR CORE (30 hrs.)

CMSC 1203 Foundations of Programming

MATH 3403 Discrete Math

MATH 3703 Introduction to Statistics

MISE 4643 Database Management

MISE 4663 Business Intelligence/Data Analytics

CMSC 4103 Introduction to R for Data Analytics

MATH 4243 Regression Analysis

MATH 4113 Mathematical Modeling

CMSC 3463 Advanced Structured Query Language (SQL)

CMSC 3103 Analytics Management and Presentation

TOTAL REQUIRED HOURS: 120

Interested in learning more? *Contact us today!*

Phone: 888-888-2341

Email: enroll@macu.edu

WWW.MACU.EDU

