B.S. in Computational Mathematics to M.S. in Data Science

This program allows the exceptional student to complete the Bachelor of Science in Computational Mathematics (BSCM) and Master of Science in Data Science (MSDS) degrees at the Daytona Beach campus.

Upon completing the undergraduate requirements, the Bachelor of Science degree in Computational Mathematics will be conferred, and students will be enrolled in the graduate degree. In any graduate course taken by an undergraduate student, a grade of “B” or better must be earned. These credits will count toward the undergraduate and graduate degree requirements, provided the student maintains enrollment in the combined program and receives a "B" or better in the courses.

If the student chooses to leave the program before the completion of the MSDS program and has acquired the minimal hours required for graduation with the BS in Computational Mathematics, any MSDS transition courses used to meet graduation requirements will be noted as undergraduate courses for the purpose of graduation.

Approved Courses for the Combined Program

Students enrolled in the combined option must consult their academic advisor and the MSDS program coordinator to determine appropriate course selection. Students will take DSCI 540 and/or an MSDS Track-Specific Course to replace an equal number of elective courses in the BSCM degree.

View BSCM requirements (https://catalog.erau.edu/programs/undergraduate/bachelors/computational-mathematics/)
View MSDS requirements (https://catalog.erau.edu/programs/graduate/masters/data-science/)

Combined Program Requirements

Undergraduate BSCM Courses	114
MSDS Transition Courses	6
Choose up to two of the following:	
DSCI 540 Data Mining	
MSDS Track-Specific Course	
Graduate MSDS Courses	24
Total Credits	**144**

Students must fulfill the required MSDS core classes and any remaining courses from the transitional period that have not been completed.