

B.S. in Aerospace Engineering to M.S. in Data Science

This program allows the exceptional student to complete the Bachelor of Science in Aerospace Engineering (BSAE) 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 Aerospace Engineering 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 Aerospace Engineering, 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 AERO 515 to replace an equal number of Technical Elective courses in the BSAE degree. This plan of study is for students entering the Aerospace Engineering track of the MSDS program; students considering other tracks of the MS degree should contact the MSDS program coordinator to discuss.

View BSAE requirements (<https://catalog.erau.edu/programs/undergraduate/bachelors/aerospace-engineering/>)

View MSDS requirements (<https://catalog.erau.edu/programs/graduate/masters/data-science/>)

Combined Program Requirements

Undergraduate BSAE Courses	123
MSDS Transition Courses	6
Choose up to two of the following:	
DSCI 540 Data Mining	
AERO 515 Introduction to the Finite Element Method	
Graduate MSDS Courses	24
Total Credits	153

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