

B.S. in Aeronautics

DEGREE REQUIREMENTS

General Education

General Education

Embry-Riddle courses in the general education categories of Communication Theory and Skills, Humanities, Social Sciences, Physical and Life Science, Mathematics, and Computer Science may be chosen from as listed, assuming prerequisites are met. Courses from other institutions are acceptable if they fall into these broad categories and are at the level specified.

Communication Theory and Skills

Any Communication Theory and Skills above ENGL 106 9

Humanities

Lower-Level Humanities (Any Lower or Upper Level Humanities) 3

Upper-Level Humanities (Any Upper Level Humanities) 3

Social Sciences

Any Social Science 6

Physical and Life Science

Any Physical Science/Physics 6

Mathematics

Any College Algebra or Higher Math Series 6

Computer Science

Any Computer Science 3

Total Credits 36

Core/Major

Aviation Area of Concentration 18

Make up shortages with non-duplicating courses from the following disciplines: Aeronautical Science, Aviation Maintenance, and related aviation/aerospace coursework in Transportation, Safety, Security, History, Engineering, and Uncrewed Systems.

Program Support 24

ASCI 202 Introduction to Aeronautical Science 3

ASCI 254 Aviation Legislation 3

ASCI 404 Applications in Aviation & Aerospace Law 3

STAT 211 Statistics with Aviation Applications 3

MGMT 201 Principles of Management 3

ACCT 210 Financial Accounting 3

MMIS 221 Introduction to Management Information Systems 3

UNSY 315 Uncrewed Aircraft Systems and Operations 3

Professional Development Core 12

ASCI 491 Operational Applications in Aeronautics 3

SCTY 400 Aviation Security 3

LGMT 420 Management of Production and Operations 3

BSAS 409 Aviation Safety 3

Electives

Professional Development Electives (Upper Level) 21

Select from courses in available Minor Courses of Study or as accepted in these related disciplines, and Technology.

Open Electives (Upper or Lower Level) 9

Total Degree Requirements 120