

B.S. in Business Analytics

DEGREE REQUIREMENTS

General Education

General Education

Embry-Riddle courses in the general education categories of Communication Theory and Skills, Humanities, and Social Sciences may be chosen from the list below, assuming prerequisite requirements 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

ENGL 123	English Composition	3
ENGL 222	Business Communication	3
Any Communication Theory and Skills above ENGL 106		3

Humanities*

Humanities elective (lower or upper level)		3
Humanities Elective (upper level)		3

Social Sciences

ECON 210	Microeconomics	3
ECON 211	Macroeconomics	3

Physical and Life Science

Physics/Biology/Meteorology/Chemistry/Environmental Science/Astronomy		6
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Mathematics

STAT 211	Statistics with Aviation Applications	3
or STAT 222 Business Statistics		
Any College Algebra or Higher Math or any Statistics (Credit cannot be awarded for STAT 211 or STAT 222)		3

Computer Science

CSCI 123	Introduction to Computing for Data Analysis	3
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Total Credits **36**

Core/Major

Common Business Core

MGMT 201	Principles of Management	3
MMIS 221	Introduction to Management Information Systems	3
MKTG 311	Marketing	3
ACCT 210	Financial Accounting	3
ACCT 312	Managerial Accounting	3
OBLD 317	Organizational Behavior	3
MGMT 325	Social Responsibility and Ethics in Management	3
FINE 332	Corporate Finance I	3
BUSW 335	International Business	3
BUSW 390	Business Law	3
LGMT 420	Management of Production and Operations	3
MGMT 436	Strategic Management	3

Total Credits **36**

Business Analytics Core

BUSW 352	Business Quantitative Methods	3
BUAN 301	Evidence-Based Management: The Need for Data	3
BUAN 428	Business Analytics and Data Intelligence	3

BUAN 302	Communication and Ethics in Data Analysis	3
MMIS 385	Programming Concepts	3
MMIS 392	Database Management	3
BUAN 304	Advanced Statistics and Analytics Concepts	3
BUAN 405	Applied Analytics I -- Descriptive Analytics	3
BUAN 406	Applied Analytics II -- Predictive Analytics	3
BUAN 407	Business Intelligence in Industry Capstone	3
Total Credits		30

Electives

Transfer Credit -or- COB Minor -or- COB non-duplicated undergraduate level courses **15**

Open Electives (Lower or Upper Level) **3**

Total Degree Requirements **120**