

# BUSINESS SYSTEMS AND ANALYTICS MAJOR, BACHELOR OF ARTS IN BUSINESS ADMINISTRATION (BAB)

## Notes:

ECON 200 and ECON 201 are considered supporting courses and may be used to fulfill BACRs as well as requirements for the Business Administration degree. However, these courses are not counted twice toward the goal of 180 credits for graduation.

Formal admission to the BAB program is required

## Grade requirements for graduation:

minimum grade  $\geq$ C in each course required for the major;

minimum GPA  $\geq$ 2.5 for all upper division Business Administration core courses as well as required and elective courses taken to fulfill requirements for the major area.

## Required Business Administration Core

### Lower Division Core

ACCT 251	PRINCIPLES OF FINANCIAL ACCOUNTING	5
ACCT 252	PRINCIPLES OF MANAGEMENT ACCOUNTING	4
ACCT 261	BUSINESS LAW	4
DSCI 245	BUSINESS STATISTICS 1	4
ECON 200	INTRODUCTION TO MICROECONOMICS	5
ECON 201	INTRODUCTION TO MACROECONOMICS	5
ENGL 201	COLLEGE COMPOSITION: ANALYSIS, RESEARCH AND DOCUMENTATION	5
MATH 142	PRECALCULUS MATH II	5
or MATH 161	CALCULUS I	
or MATH 200	FINITE MATHEMATICS	

### Upper Division Core

DSCI 346	BUSINESS STATISTICS 2	4
FINC 335	FINANCIAL MANAGEMENT	4
MGMT 326	ORGANIZATION THEORY AND BEHAVIOR	4
MGMT 423	BUSINESS AND SOCIETY	4
MISC 311	INFORMATION TECHNOLOGY IN BUSINESS	4
MKTG 310	PRINCIPLES OF MARKETING	4
OPSM 330	OPERATIONS MANAGEMENT	4

### Required Courses

DSCI 353	DATA MANAGEMENT, CLEANING AND IMPUTATION	4
DSCI 446	BUSINESS FORECASTING	4
or DSCI 449	MULTIVARIATE DATA ANALYSIS	
DSCI 450	DATA VISUALIZATION	4
DSCI 489	SENIOR PROJECT	4
or DSCI 495	PROFESSIONAL INTERNSHIP	
or MISC 495	INTERNSHIP	
MISC 371	BUSINESS APPLICATIONS PROGRAM DESIGN	4
MISC 373	BUSINESS DATABASE APPLICATIONS	4

MISC 374	SPREADSHEET MODELING FOR BUSINESS APPLICATIONS	4
MISC 481	SYSTEMS ANALYSIS AND DESIGN	4
MISC 485	ADVANCED DATABASE APPLICATIONS DEVELOPMENT	4

### Required Senior Capstone

MGMT 490	DEPARTMENT SENIOR CAPSTONE	4
Total Credits		105

### University Competencies and Proficiencies

English (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#newitemtext>)

Quantitative and Symbolic Reasoning (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#mathcompproficienciestext>)

Placement and Clearance Exams (<http://catalog.ewu.edu/archives/2021-2022/placement/>)

Prior Learning/Sources of Credit AP, CLEP, IB (<http://catalog.ewu.edu/archives/2021-2022/prior-learning/>)

### General Education Requirements (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#generaleducationrequirementstext>) (GER)

- Minimum Credits—180 cumulative credit hours
  - 60 upper-division credits (300 level or above)
  - 45 credits in residence (attendance) at Eastern, with at least 15 upper-division credits in major in residence at Eastern
- Minimum Cumulative GPA  $\geq$ 2.0

### Breadth Area Core Requirements (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#generaleducationcorerequirementstext>) (BACR)

Humanities and Arts (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#humanitiesandfineartstext>)

Natural Sciences (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#naturalsciencesgecrtxt>)

Social Sciences (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#socialsciencesgecrtxt>)

### University Graduation Requirements (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#universitygraduationrequirementstext>) (UGR)

Diversity Course List (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#cultureandgenderdiversityintheuslisttext>)

Foreign Language (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#foreignlanguageugrtxt>) (for Bachelor of Arts)

Global Studies Course List (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#internationalstudiesrequirementstext>)

Minor or Certificate (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#majorminororcertificateugrtxt>)

Senior Capstone Course List (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#capstonecourselisttext>)

All admitted students must officially Declare a Major (<https://inside.ewu.edu/center-for-academic-advising-and-retention/academic->

planning-tools/declare-your-major/) by the time they reach 90 credits (junior standing).

Application for Graduation (use EagleNET (<https://inside.ewu.edu/eaglenet/>)) must be made at least two terms in advance of the term you expect to graduate (undergraduate and post-baccalaureate).

Use the Catalog Archives (<https://catalog.ewu.edu/archives/>) to determine two important catalog years (<http://catalog.ewu.edu/archives/2021-2022/undergraduate-degree/#activecatalogrulettext>).

SOAR (<https://soar.ewu.edu/selfservice/general/home.html>) calculates based on these two catalog years.

1. The catalog *in effect at the student's first term* of current matriculation is used to determine **BACR** (Breadth Area Credit Requirements) **and UGR** (Undergraduate Graduation Requirements).
2. The catalog *in effect at the time the student declares a major or minor* is used to determine the program requirements.

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**Students Who Successfully Earn A BAB In Business Systems and Analytics From EWU Should Be Able To Do The Following:**

- accurately perform the relevant analytic methods for a given context;
- communicate the results of analyses effectively to the relevant audiences;
- recognize and address ethical issues related to privacy, intellectual property, and data security;
- think critically when making decisions about appropriate analytic methods;
- use the technical skills associated with the storage, management and cleaning of data.