

Business Analytics BAB

69 business core credits; 36 Major credits 20 credits for Business Analytics Minor)

Why study Business Analytics?

The focus of business analytics is the analysis of data to develop decision or predictive models for use in a business environment. To be successful in this field, a graduate requires two primary sets of skills: those of analytics and those of business. You will complete the core associated with the BAB and also a portion of the analytics core associated with the BS in Data Analytics.

Career Opportunities

Employers are struggling to find potential hires in this field with the skills to understand the narrative behind data that enables excellence in business decisions. There is great demand for those with analytics skills. McKinsey Global Institute projected a shortage in the US by 2018 of "1.5 million managers and analysts with the know how to use the analysis of big data to make effective decisions." A recent search matching just the word "analytics" on LinkedIn.com found more than 84,000 open positions in the US.

Business Program Advisors

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Department Chair

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Student Success Coordinator

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This is an example of a four year class schedule. Academic Advisors are there to help create individualized plans.

First Year	Fall 1	Q2	Q3
	BACR (5 cr.)	BACR (5 cr.)	Elective/Minor (5 cr.)
	BACR (5 cr.)	BACR (5 cr.)	Global Course (5 cr.)
Second Year	Q5	Q6	Q7
	ACCT 251 (5 cr.)	Elective/Minor (2 cr.)	Elective/Minor (5 cr.)
	ACCT 261 (4 cr.)	ACCT 252 (4 cr.)	DSCI 346 (4 cr.)
Third Year	Q9	Q10	Q11
	ENGL 201 (5 cr.)	DSCI 245 (4 cr.)	ECON 201 (5 cr.)
	ENGL 201 (5 cr.)	ECON 200 (5 cr.)	
Fourth Year	Q13	Q14	Q15
	Elective/Minor (2 cr.)	Elective/Minor (4 cr.)	Major Elective (4 cr.)
	Major Elective (4 cr.)	DSCI 352 (4 cr.)	DSCI 450 (4 cr.)
Fourth Year	MISC 311 (4 cr.)	DSCI 353 (4 cr.)	FINC 335 (4 cr.)
	MKTG 310 (4 cr.)		OPSM 330 (4 cr.)
Fourth Year	MISC 373 (4 cr.)	Diversity Course (5 cr.)	Elective/Minor (4 cr.)
	Elective/Minor (4 cr.)	Elective/Minor (3 cr.)	DSCI 490 (4 cr.)
	DSCI 445 (4 cr.)	Elective/Minor (5 cr.)	MGMT 490 (4 cr.)
Fourth Year	MISC 374 (4 cr.)	Elective/Minor (5 cr.)	MISC 485 (4 cr.)

Listed is a Sample Four Year Plan. Individual plans will vary based on placement test scores and course availability.



Business Analytics, BAB

Catalog Year **2019-2020**

Date: _____

Last Name: _____ First Name: _____ MI: _____

Student ID _____ CAAR Advisor: _____

Colleges attended:

Previous Degrees Completed? Direct Transfer Bachelors Masters Other _____

Final Transcripts Evaluated? Yes No

Program Coursework and Milestones

EWU General Education Requirements

Pre-University Basic Skills

All Coursework Complete

Competencies	Complete	Required
English Proficiency	<input type="checkbox"/>	Yes
MATH Proficiency	<input type="checkbox"/>	Yes

BACRs	Complete	Required
Humanities	<input type="checkbox"/>	No
Humanities	<input type="checkbox"/>	No
Social Sciences	<input type="checkbox"/>	Yes
Social Sciences	<input type="checkbox"/>	No
Natural Sciences	<input type="checkbox"/>	No
Natural Sciences	<input type="checkbox"/>	No

Graduation requirements	Complete	Required
Diversity	<input type="checkbox"/>	No
Global	<input type="checkbox"/>	No
Foreign Language	<input type="checkbox"/>	No

Program Required Courses and/or Prerequisites

Course	Credits	Grade \geq	✓
MISC 211/311	4	C	<input type="checkbox"/>
MATH 200, 142, or 161	5	B-	<input type="checkbox"/>
DSCI 245	4	C	<input type="checkbox"/>
ACCT 251	5	C	<input type="checkbox"/>
ACCT 252	4	C	<input type="checkbox"/>
ACCT 261	4	C	<input type="checkbox"/>
ECON 200	5	C	<input type="checkbox"/>
ECON 201	5	C	<input type="checkbox"/>
ENGL 201	5	C	<input type="checkbox"/>

Faculty Advising Ready Degree Milestones

A minimum GPA of 2.7 (B-) is required for program admission.

45 or more credits complete.

Accepted into BAB program.

To be filled out by the Student Success Coordinator

Faculty Advisor

ID:

Name (printed)

Reviewed by: _____

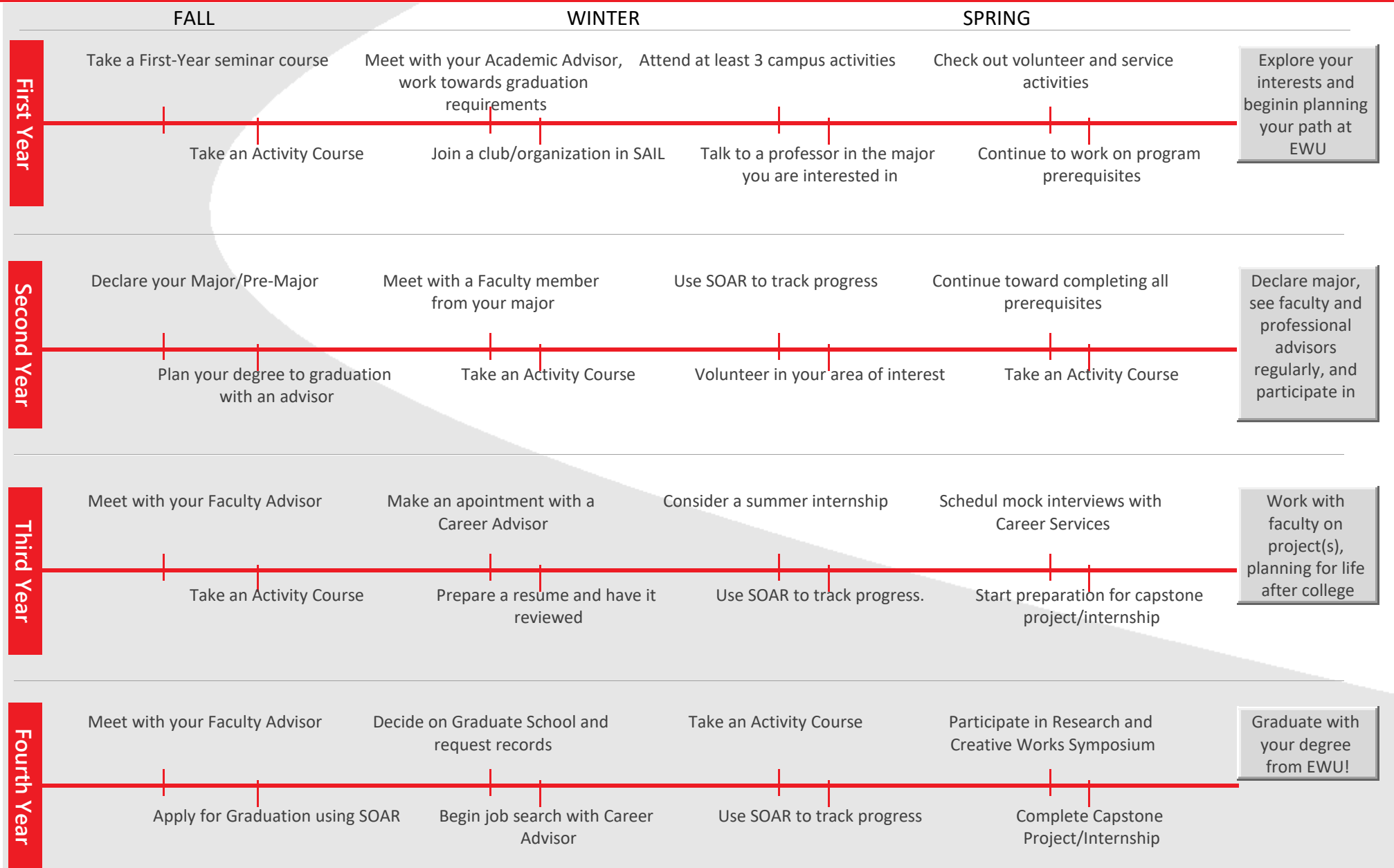
Flight Plan to Success

The following milestones will help you succeed and improve your experience at EWU.

Business Analytics, BAB

College of Business

Department of Information Systems & Business Analytics



All recommended activities can occur at any time during a student's time at EWU



Student's name: _____ EWU ID: _____

Bachelor of Arts in Business Administration in Business Analytics
2019-2020 Catalog Year

College of Business
SOAR Department: | SOAR Major:
Major Declaration Form: Business Analytics, BAB-BSAN
Math proficiency needed: MATH 200

First year courses and prerequisites	Notes	Previously offered **
Q1 BACR (5 cr.)		
Q1 BACR (5 cr.)		
Q1 ENGL 101 COLL COMP: EXPOSITN & ARGUMNT (5 cr.) Prerequisite: Writing Placement Test or General Advising.		F18, W19, S19
Q2 BACR (5 cr.)		
Q2 BACR (5 cr.)		
Q2 Elective/Minor (5 cr.)		
Q3 Elective/Minor (5 cr.)		
Q3 Global Course (5 cr.)		
Q3 MATH 200 FINITE MATHEMATICS (5 cr.) Prerequisite: a grade ?C in MTHD 104, or a satisfactory score on the mathematics placement assessment (MPA); placement into or above ENGL 101.	Note: For the university proficiencies, the course may be substituted for MATH 107. Computer Literacy Competency recommended.	F18, W19, S19

I have discussed this academic plan with the student listed above. Advisor name: _____ Advisor signature: _____

* See the catalog for prerequisites and other details.

** Future course offerings may differ from the past. Check the course schedule for future courses.

To follow this MAP, you should place into MATH 200. If you place lower, your custom MAP may change.

This list of courses is for information purposes only. All students are required to follow the catalog requirements for the year they declared a major.

Second year courses and prerequisites	Notes	Previously offered **
Q5 ACCT 251 PRIN OF FINANCIAL ACCOUNTING (5 cr.) <i>Prerequisite: sophomore standing.</i>		F18, W19, S19
Q5 ACCT 261 BUSINESS LAW (4 cr.) <i>Prerequisite: sophomore standing.</i>		F18, W19, S19
Q5 ENGL 201 COLL COMP: ANALYSIS/RES/DOCMNT (5 cr.) <i>Prerequisite: ENGL 101, Writing Placement Test or general advising.</i>		F18, W19, S19
Q6 Elective/Minor (2 cr.)		
Q6 ACCT 252 PRIN OF MANAGEMENT ACCOUNTING (4 cr.) <i>Prerequisite: ACCT 251.</i>		F18, W19, S19
Q6 DSCI 245 BUSINESS STATISTICS 1 (4 cr.) <i>Prerequisites: one of the following: MATH 142, MATH 161 or (MATH 200 with a grade ?B-).</i>		F18, W19, S19
Q6 ECON 200 INTRO TO MICROECONOMICS (5 cr.) <i>Prerequisite: MTHD 104 completed.</i>		F18, W19, S19
Q7 Elective/Minor (5 cr.)		
Q7 DSCI 346 BUSINESS STATISTICS 2 (4 cr.) <i>Prerequisites: DSCI 245 and one of the following: MATH 142, MATH 161, (MATH 200 with a grade ?B-) or permission of the instructor.</i>		F18, W19, S19
Q7 ECON 201 INTRO TO MACROECONOMICS (5 cr.) <i>Prerequisite: MTHD 104 completed.</i>		F18, W19, S19

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Third year courses and prerequisites

Notes

Previously offered **

Q9	Elective/Minor (2 cr.)	
Q9	Major Elective (4 cr.)	
Q9	MISC 311 INFORMATION TECHNOLOGY IN BUS (4 cr.) Prerequisites: sophomore standing.	
Q9	MKTG 310 PRINCIPLES OF MARKETING (4 cr.) Prerequisite: junior standing.	F18, W19, S19
Q10	Elective/Minor (4 cr.)	
Q10	DSCI 352 MIXED RESEARCH METHODS (4 cr.) Prerequisites: DSCI 245 or permission of the instructor.	F18
Q10	DSCI 353 DATA MANAGEMENT, CLEANING (4 cr.) Prerequisites: DSCI 245 or permission of the instructor.	W19
Q11	Major Elective (4 cr.)	
Q11	DSCI 450 DATA VISUALIZATION (4 cr.) Prerequisite: DSCI 346 or permission of the instructor.	W19
Q11	FINC 335 FINANCIAL MANAGEMENT (4 cr.) Prerequisites: (MATH 142, MATH 161 or MATH 200) and DSCI 245 and ACCT 251 and (either ECON 200 or ECON 201).	F18, W19, S19
Q11	OPSM 330 OPERATIONS MANAGEMENT (4 cr.) Prerequisites: DSCI 245 (or equivalent) and one of the following: MATH 142, MATH 161 or MATH 200.	F18, W19, S19
Q13	MISC 373 BUSINESS DATABASE APPLICATIONS (4 cr.) Prerequisite: MISC 311.	F18, W19, S19

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Fourth year courses and prerequisites

Notes

Previously offered **

Q13	Elective/Minor (4 cr.)		
Q13	DSCI 445 OPTIMIZATION VIA MANAGEMENT (4 cr.) Prerequisite: DSCI 346 or permission of the instructor.		F18
Q13	MISC 374 SPREADSHEET MODEL FOR BUS APP (4 cr.) Prerequisite: MISC 311 or CSCD 211 or permission of the instructor.		F18, W19, S19
Q14	Diversity Course (5 cr.)		
Q14	Elective/Minor (3 cr.)		
Q14	Elective/Minor (5 cr.)		
Q14	Elective/Minor (5 cr.)		
Q15	Elective/Minor (4 cr.)		
Q15	DSCI 490 ANALYTICS SENIOR CAPSTONE (4 cr.) Prerequisite: DSCI 450; MISC 485, may be taken concurrently; and a declared BAB in Business Analytics or BS in Data Analytics major.	Note: to be taken in the final quarter of instruction.	S19
Q15	MGMT 490 SR CAPSTONE:ADMIN POLICIES (4 cr.) Prerequisites: ACCT 251, ACCT 252, ACCT 261; DSCI 245, DSCI 346; ECON 200, ECON 201; ENGL 201; FINC 335; MATH 200; MGMT 326; MISC 311, MKTG 310; OPSM 330; MGMT 423 (may be taken concurrently); Computer Literacy I and II and admission to BAB.		F18, W19, S19
Q15	MISC 485 ADV DATABASE APPLICATIONS DEV (4 cr.) Prerequisite: MISC 373 or permission of the instructor.		S19

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