

Raymond J. Harbert College of Business • Business Analytics Curriculum Model

Freshman Year

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
ENGL 1100	English Comp I	3	ENGL 1120 English Comp II
	Core Option (See boxes below)	3	Core Option (See boxes below)
	Core Lab Science I	4	Core Lab Science II
MATH 1680	Calculus with Business Applications	4	COMP 1000/1003 Personal Computer Applications
BUSI 1010	Contemporary Business Issues I	1	BUSI 2100/2103 Oral Communication for Business
			Core Fine Art

Sophomore Year

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
ACCT 2110	Financial Accounting	3	ACCT 2210 Managerial Accounting
ECON 2020	Microeconomics	3	ECON 2030 Macroeconomics
	Core Option (See boxes below)	3	Core Option (See boxes below)
BUAL 2600	Business Analytics I	3	BUAL 2650 Business Analytics II
ACCT 2700	Business Law	3	Free Elective
BUSI 2010	Contemporary Business Issues II	1	

Junior Year

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
BUAL 5650	Big Data I	3	BUAL 5660
MNGT 3100	Principles of Management	3	BUAL 5600
ISMN 3140	Intro to Information Systems Management	2	Predictive Modeling I
PHIL 1040 or 1020	Business Ethics or Ethics	3	FINC 3610 Principles of Finance
	Free Elective	3	MKTG 3310 Principles of Marketing
	Free Elective	2	Free Elective

Senior Year

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
BUAL 5610	Predictive Modeling II	3	BUAL 5860
	Business Analytics Elective *	3	Communicating Quantitative Results
	Business Analytics Elective *	3	Business Analytics Elective *
	Business Analytics Elective *	3	Business Analytics Elective *
	Free Elective	3	MNGT 4800 Strategic Management
			Free Elective
			UNIV 4AA0 University Graduation
			0

TOTAL: 123 CREDIT HOURS

Students must complete one of the four-course options to the right	<u>Core Option 1</u>	<u>Core Option 2</u>	<u>Core Option 3</u>	<u>Core Option 4</u>
	HIST 1010	ENGL 2200	ENGL 2230	ENGL 2250
	HIST 1020	ENGL 2210	ENGL 2240	ENGL 2260
	Core Literature I or II	HIST 1010 or 1020	HIST 1010 or 1020	HIST 1010 or 1020
	Core Humanities	Core Social Science	Core Social Science	Core Social Science

Notes:

- Auburn University requires a minimum 2.0 major GPA & a minimum 2.0 AU cumulative GPA to satisfy graduation requirements.
- Refer to the AU Bulletin at bulletin.auburn.edu for course descriptions, frequencies, and pre-requisite information.
- Students may have no more than 4 hours of PHED course work and may not repeat a course in which a grade of 'C' or better was earned.
- * See page two for a list of approved courses

Major Course	Grade	Major Course	Grade
BUAL 5650		BUAL Elective	
BUAL 5660		BUAL Elective	
BUAL 5600		BUAL Elective	
BUAL 5610		BUAL Elective	
BUAL 5860		BUAL Elective	

Business Analytics Major Notes

- All 3000-5000 level business courses require junior standing (60 hrs). MNGT 4800 requires senior standing (90 hrs).
- Any directed reading course or internship course must receive departmental approval prior to registration.
- **Prerequisites and/or corequisites for the courses below are enforced. Refer to the course listings in the [AU Bulletin](#) for information on course prerequisites.**

Required Business Analytics Courses

- BUAL 5600 Predictive Modeling I *Pr. (BUAL 2600 or equivalent) and (BUAL 2650 or equivalent)* **Offered Spring only**
- BUAL 5610 Predictive Modeling II *Pr. (BUAL 2600 or equivalent) and (BUAL 2650 or equivalent)* **Offered Fall only**
- BUAL 5650 Big Data I *Pr. (BUAL 2600 or equivalent) and (BUAL 2650 or equivalent)* **Offered Fall only**
- BUAL 5660 Big Data II *Pr. BUAL 5650, BUAL 6650, or BUAL 6656* **Offered Spring only**
- BUAL 5860 Communicating Quantitative Results In Business *Pr. (BUAL 2600 or equivalent) and (BUAL 2650 or equivalent) and (BUAL 5650, BUAL 6650, or BUAL 6656) and (BUAL 5610, BUAL 6610, or BUAL 6616)* **Offered Spring only**

Choices for Business Analytics Electives

- FINC 3630 Advanced Business Finance *Pr. (Grade of C or better in FINC 3610 or FINC 3617) and (BUAL 2600 or equivalent)*
- FINC 3640 Investments *Pr. FINC 3610 or FINC 3617*
- ISMN 3070 Business System Logic And Modeling
- ISMN 3830 Database Management Systems **Offered Spring and Summer**
- ISMN 4090 Design Of Business Systems *Pr. ISMN 3830 or ISMN 3840* **Offered Fall**
- ISMN 4870 Database Server Fundamentals *Cr. ISMN 3830*
- ISMN 5270 Current Issues In IS For Orgs **Offered Fall and Spring**
- MKTG 4360 Marketing Research *Pr. (Grade of C or better in either MKTG 3310 or MKTG 3317) and (BUAL 2650 or equivalent)*
- SCMN 3710 Logs: Mngt Of Fulfillment Proc
- SCMN 3720 Trans: Mngt Of Product Flows
- SCMN 4700 Supply Chain Performance Management *Pr. SCMN 3710 or SCMN 3720*
- STAT 3600 Probability And Statistics I *Pr. MATH 11620 or MATH 1627 or MATH 1720*
- STAT 3610 Probability And Statistics II *Pr. STAT 3600*

Business Capstone Course

- MNGT 4800 Strategic Management *Pr. MNGT 3100, FINC 3610, MKTG 3310 and senior standing*