

# DEPARTMENT OF BUSINESS INFORMATION SYSTEMS AND ANALYTICS

## MANAGEMENT – MANAGEMENT INFORMATION SYSTEMS: MIS

### Curriculum Guide Effective 2020-2021

Student:	Student Number:
Online or Campus	Advisor:
Date First Enrolled:	Date of Last Audit:

Grade	Course	CR	Grade	Course	CR
<b>FRESHMAN: First Semester</b>			<b>FRESHMAN: Second Semester</b>		
	MATH 111 College Algebra & Trigonometry <sup>1</sup>	4		MATH 112 Calculus for Business and Tech	4
	ENGL 100 Ideas and Their Expressions I	3		ENGL 101 Ideas and Their Expressions II	3
	Science Elective w/Lab <sup>2</sup>	4		Science Elective <sup>2</sup>	3
	MGMT 110 Business Environment (MGMT 220)	3		BUAN 132 Intro to Mgmt Info Sys (MGMT 132)	3
	FRST 101 College Success	1		Free Elective	2
<b>SOPHOMORE: First Semester</b>			<b>SOPHOMORE: Second Semester</b>		
	ACCT 221 Principles of Accounting I	3		ACCT 222 Principles of Accounting II	3
	ECON 200 Principles of Economics, Micro <sup>3</sup>	3		ECON 201 Principles of Economics, Macro	3
	ECON 206 Statistics for Decision Making	3		MGMT 260 Business Communication (BUED 260)	3
	MGMT 201 Principles of Mgmt (MGMT 422)	3		MGMT 221 Global Business Environ <sup>4</sup> (MGMT 320)	3
	Humanities/Fine Arts Elective <sup>5</sup>	3		BUAN 234 Informatics Prog & Appl (MGMT 234)	3
<b>JUNIOR: First Semester</b>			<b>JUNIOR YEAR: Second Semester</b>		
	MKTG 230 Marketing Concepts	3		MGMT 303 Legal Envrnmnt of Bus (MGMT 361)	3
	BUAN 310 Business Analytics (MGMT 310)	3		FIN 343 Principles of Finance (FIN 253/453)	3
	MGMT 321 Organizational Behavior (MGMT 426)	3		MGMT 330 Operations Mgmt (MGMT 482)	3
	MGMT 315 Management Science I (MGMT 481)	3		MGMT 322 Human Resources Mgmt (MGMT 522)	3
	ACCT 326 Managerial Accounting (ACCT 446)	3		BUAN 337 Bus Process & Sys Analysis (MGMT 337)	3
<b>SENIOR: First Semester</b>			<b>SENIOR: Second Semester</b>		
	MGMT 429 Business Law (MGMT 462)	3		MGMT 427 Bus Ethics & Social Responsibility	3
	MGMT 430 Organizat Design & Change (MGMT 524)	3		MGMT 492 Senior Mgmt. Seminar (MIS 640)	3
	BUAN 432 Business Intel Applications (MGMT 432)	3		MGMT 495 Strategic Management (MGMT 520)	3
	BUAN 434 Database Applications (MGMT 434)	3		Free Elective <sup>7</sup>	3
	African American Elective <sup>6</sup>	3		Free Elective <sup>7</sup>	3

**TOTAL CREDITS 120**

<sup>1</sup> MATH 111 can be replaced with MATH 103 and MATH 104 (combined); MATH 101E might be a prerequisite based on SAT/ACT math scores.

<sup>2</sup> Recommended science electives include BIOL 100 (4 credits) and EES 234 or ENV 201; see the approved General Education list for other options.

<sup>3</sup> ECON 200 fulfills the General Education Social and Behavioral Sciences requirement satisfies Global Awareness Elective.

<sup>4</sup> Satisfies Global Awareness Elective.

<sup>5</sup> Recommended Humanities/Fine Arts elective is PHIL 201, Business Ethics; see the approved General Education list for other options.

<sup>6</sup> African-American electives include ENGL 333, ENGL 334, LIBS 202, HIST 103, HIST 106, HIST 107, or MUSI 220.

<sup>7</sup> Free electives include any three-credit undergraduate course at or above the 100 level.

Highlighted Courses Only Offered In Fall

Highlighted Courses Only Offered in Spring

# MAJOR PROGRAM REQUIREMENTS

*Students must earn a C or better (not C-) in the following courses:*

GENERAL EDUCATION COURSES					
Grade	Course	CR	Grade	Course	CR
	ENGL 100 Ideas and Their Expressions I	3		MATH 111 College Algebra & Trigonometry	4
	ENGL 101 Ideas and Their Expressions II	3		MATH 112 Calculus for Non-Math Majors	4
CORE COURSES — COLLEGE OF BUSINESS AND ECONOMICS					
Grade	Course	CR	Grade	Course	CR
	ACCT 221 Principles of Accounting I	3		MGMT 110 Business Environment (MGMT 220)	3
	ACCT 222 Principles of Accounting II	3		BUAN 132 Intro Mgmt Info Syst (MGMT 132))	3
	MGMT 260 Business Communication (BUED 260)	3		MGMT 201 Principles of Mgmt (MGMT 422)	3
	ECON 200 Principles of Economics, Micro	3		MGMT 303 Legal Envrnmt of Bus (MGMT 361)	3
	ECON 201 Principles of Economics, Macro	3		MGMT 315 Management Science (MGMT 481)	3
	ECON 206 Statistics for Decision Making	3		MGMT 495 Strategic Management (MGMT 520)	3
	FIN 343 Business Finance (FIN 253/453)	3		MKTG 230 Marketing Concepts (MKTG 430)	3
CONCENTRATION COURSES — MANAGEMENT INFORMATION SYSTEMS					
Grade	Course	CR	Grade	Course	CR
	MGMT 221 Global Business Environ (MGMT 320))	3		MGMT 427 Bus Ethics & Social Response	3
	BUAN 234 Informatics Program & App (MIS 352)	3		MGMT 429 Business Law	3
	MGMT 321 Organizational Behavior (MGMT 426)	3		MGMT 430 Organizational Design & Change	3
	MGMT 322 Human Resources Mgmt (MGMT 522)	3		BUAN 434 Database App Dev (MGMT 434)	3
	MGMT 330 Operations Mgmt (MGMT 482)	3		ACCT 326 Managerial Accounting	3

## ADDITIONAL REQUIREMENTS

**PREREQUISITES.** Follow the sequence of the curriculum guide to ensure prerequisites are met. Many online course sections are often offered only once a year, requiring online students to carefully plan their matriculation to graduate on time.

**GRADUATION REQUIREMENTS.** If all requirements are not completed within six years after admission, the student is expected to conform to the University Bulletin requirements specified for the class with which graduation is anticipated. To graduate, students must earn a minimum of 120 semester hours in the specified curriculum, excluding deficiency and/or remedial courses, with a cumulative grade point average of 2.00 or better for all courses taken.

**WITHDRAWALS/REPEATS.** Students may withdraw from a total of only five courses throughout their entire degree. Withdrawals count as course attempts. Students may repeat a single course only two times. A total of 16 credits can be repeated throughout a student's entire degree.

**QUESTIONS OR CONCERNS.** Seek assistance from your assigned academic advisor or chairperson in the Department of Business Information Systems and Analytics (324 Merrick Hall, 336-334-7657, [bisa@ncat.edu](mailto:bisa@ncat.edu)).

COURSE	PREREQUISITE ( <i>requires C or better, not C-</i> )
<i>NOTE: If prerequisites change, you are required to meet the newer prerequisites.</i>	
<b>ACCT 221</b>	MGMT 110
<b>ACCT 222</b>	ACCT 221
<b>ACCT 326</b>	ACCT 222
<b>BUAN 132</b>	MGMT 110 (MGMT 220)
<b>BUAN 234</b>	BUAN 132
<b>BUAN 310</b>	ECON 206
<b>BUAN 337</b>	BUAN 132, BUAN 234
<b>BUAN 432</b>	BUAN 132, ECON 206
<b>BUAN 434</b>	BUAN 132
<b>ECON 206</b>	MATH 112
<b>ENGL 101</b>	ENGL 100
<b>FIN 343</b>	MATH 112, ACCT 221
<b>MATH 112</b>	MATH 111 (or 103 and 104)
<b>MGMT 260</b>	ENGL 101
<b>MGMT 315</b>	MATH 112 and ECON 206
<b>MGMT 321</b>	MGMT 201
<b>MGMT 322</b>	MGMT 201
<b>MGMT 330</b>	MGMT 315
<b>MGMT 427</b>	MGMT 110, MGMT 303
<b>MGMT 429</b>	MGMT 303
<b>MGMT 430</b>	MGMT 201
<b>MGMT 492</b>	SR and MGMT Major
<b>MGMT 495</b>	ACCT 222, FIN 343 (FIN 253/453), MGMT 201 (MGMT 422), MKTG 230 (MKTG 430)