

**B.S. in BUSINESS ADMINISTRATION
COMPUTER INFORMATION SYSTEMS EMPHASIS**
Suggested Four-Year Schedule
2021-2022 Catalog

Student:

Date:

Advisor:

Bear ID:

The Bachelor of Science in Business Administration degree requires a minimum of **120 hours** which includes:
31 hours of Liberal Arts Curriculum and 31 hours of Supporting Courses (many courses count for both),
60 hours of Business coursework (30 hours of Business Core, 24 hours of Emphasis courses and 6 hours of Business Elective courses) and
University Wide Electives to reach the 120 minimum credits.

Year One

FALL SEMESTER				SPRING SEMESTER			
BAMG 125	Taking Care of Business		3	BA 205 OR ENG 123	(LAC) Business Communications OR College Research Paper		3
BACS 101	Business Computing		3	ECON 205	(LAC) Principles of Microeconomics		3
ENG 122	(LAC) College Composition		3	MATH 176	Topics in Calculus		3
MATH 124	(LAC) College Algebra		4		(LAC History)		3
	(LAC Arts & Humanities with International)		3		(LAC Natural and Physical Science)		3
Total Credits				Total Credits			
16				15			

Year Two

FALL SEMESTER				SPRING SEMESTER			
BAAC 220	Principles of Accounting I		3	BAAC 221	Principles of Accounting II		3
BAFN 240	Intro to Personal Financial Planning		3	BAFN 231	Legal Environment of Business		3
ECON 203	(LAC) Principles of Macroeconomics		3	STAT 150	(LAC) Intro to Statistical Analysis		3
	(LAC Natural and Physical Science with LAB)		4	COMM 100	Basics of Public Speaking		3
PSY 120 or SOC 100 or PSY 265	(LAC) Principles of Psychology or (LAC) Principles of Sociology or (LAC) Social Psychology		3	BACS 287	Graphical Interface Programming		3
Total Credits				Total Credits			
16				15			

Year Three

FALL SEMESTER				SPRING SEMESTER			
BACS 380	Network & Data Comm Systems (Fall only)		3	BAMK 360	Marketing		3
BACS 387	Object-Oriented Systems (Fall only)		3		CIS Emphasis Elective (see back)		3
BACS 300	Information Systems		3		Business Elective (see back)		3
BAMG 350	Management & Organizational Behavior		3		(LAC Arts & Humanities with Multicultural)		3
BAFN 370	Business Finance		3		University-Wide Elective		3
Total Credits				Total Credits			
15				15			

Year Four

FALL SEMESTER				SPRING SEMESTER			
BAMG 390	Operations Management and Data Analytics		3	BAMG 456	Strategic Management		3
BACS 485	Database Management Systems (Fall only)		3	BACS 488	Senior CIS Project (Spring only)		3
BACS 487	System Analysis and Design (Fall only)		3		Business Elective (see back)		3
	CIS Emphasis Elective (see back)		3		University-Wide Elective		3
	University-Wide Elective		3		University-Wide Elective		1
Total Credits				Total Credits			
15				13			

MCB CAREER READINESS REQUIREMENTS

Professional Experience		Career Development Series	
1. Information Session	First Year	Etiquette Lunch/Dinner	First Year
2. Resume and Cover Letter	Second Year	Mocktails	Sophomore Status
3. Professionalism and Interviewing	Second Year	Networking Night	Junior Status
4. Professional Experience (must be approved prior to its start date)	Third/Fourth Year	Career and/or Internship Fair	Senior Status
https://mcb.unco.edu/professional-experience/			

Students are reminded that to graduate with a Business Administration degree, a student must maintain a 2.0 or greater cumulative Business GPA and at least a "C-" grade in each individual Business Administration Core, emphasis, and business elective courses. Additionally, all students in the program must complete a Professional Experience prior to graduation.

Admission Requirements: *Incoming New First Time and Transfer* students are admitted to the College of Business major and minors provided they meet the admission requirements set forth by UNC. *Current UNC students* who have completed at least 15 credit hours with a cumulative GPA of 2.50 or above are guaranteed admission to any business major. *Current UNC students* who have completed at least 15 credit hours with a cumulative GPA of 2.00-2.49 qualify to apply for admission to a business major. Students may apply at the MCB Advising Center located in Kepner 1095.

Students may transfer 12 semester hours from the Business Core, 9 semester hours from the Emphasis Core and Emphasis Electives and 6 semester hours from Business Electives.

MCB UNDERGRADUATE COURSE PREREQUISITES: 2021-2022 CATALOG

Students must meet course prerequisites as stated in the current UNC catalog.
Check the catalog each semester you register to make certain you meet requirements.
A grade of "C-" or better is required in all business courses

BUSINESS CORE: 30 CREDIT HOURS

Take all courses in the following list. (**Must be declared Business Major*)
A student may transfer a maximum of 12 semester credit hours of the Business Core to UNC.

Course #	Course Titles	Prerequisites	Prerequisite Course Titles/Notes
BAAC 220	Principles of Accounting I	BACS 101 At least 24 credit hours completed	Business Computing with a minimum grade of "C-"
BAAC 221	Principles of Accounting II	BACS 101 BAAC 220 Sophomores or above	Business Computing with a minimum grade of "C-" Principles of Accounting I with minimum grade of "C-"
BAFN 231	Legal Environment of Business	None	
BAFN 240	Intro. to Personal Financial Planning	None	
BAMG 350	Management & Organizational Behavior	45 completed credits or above	
BAMK 360	Marketing	45 completed credits or above	
BACS 300	Information Systems	BACS 101 or CS 101 or CS 120 45 completed credits or above	Business Computing or Introduction to Computer Science or Computer Programming
BAFN 370	Business Finance	BAAC 221 MATH 124 STAT 150 ECON 203 ECON 205 Juniors or above	Principles of Accounting II College Algebra Intro to Statistical Analysis Principles of Macroeconomics Principles of Microeconomics
BAMG 390*	Operations Management and Data Analytics	BACS 101 STAT 150 Business Majors only Juniors or above	Business Computing Introduction to Statistical Analysis
BAMG 456*	Strategic Management	BAFN 370 BAMG 350 BAMK 360 Business Majors only Senior standing	Business Finance with a minimum grade of "C-" Management with a minimum grade of "C-" Marketing with a minimum grade of "C-"

COMPUTER INFORMATION SYSTEMS EMPHASIS: 24 semester credit hours

** Must be declared Business Major*

A maximum of 9 semester credits in 300/400-level Required Emphasis Credits and Elective Emphasis Credits can be transferred from other four-year institutions.

Required Emphasis Courses: 18 semester credit hours.

A grade of "C-" or better is required in each course.

Course #	Course Titles	Prerequisites	Prerequisite Course Titles/Notes
BACS 287*	Graphical Interface Programming	None	
BACS 380*	Networking & Data Comm. Systems (Fall only)	Juniors or above	
BACS 387*	Object Oriented System Develop. (Fall only)	BACS 287 Juniors or above	Graphical Interface Programming
BACS 485*	Database Management Systems (Fall only)	BACS 287 BACS 300 Senior standing	Graphical Interface Programming Information Systems
BACS 487*	Systems Analysis and Design (Fall only)	BACS 287 BACS 300 CIS emphasis students and SE majors Senior standing	Graphical Interface Programming Information Systems
BACS 488*	Senior CIS Project (Spring only)	BACS 387 or CS 350 BACS 487 Senior standing	Object Oriented System Development or Software Engineering I with minimum grade of "C-" Systems Analysis and Design with minimum grade of "C-"

Required Elective Emphasis Courses: 6 semester credit hours.

Take **two** courses from the following.

A grade of "C-" or better is required in each course. (**Must be declared Business Major*)

Course #	Course Titles	Prerequisites	Prerequisite Course Titles/Notes
BACS 350	Intermediate Web Development (Fall only)	BACS 200	Web Design and Development for Small Business
BACS 371	Intro. to Computer Forensics (Spring only)	None	
BACS 382	Information Security (Spring only)	BACS 380	Networking & Data Communications Systems
BACS 383	Designing User Experiences (Fall only)	BACS 200 BACS 287 or CS 200 Juniors or above	Web Design with minimum grade of "C-" Graphical Interface Programming or Object-Oriented Analysis, Design and Programming with minimum grade of "C-"
BACS 385	Fund. of Project Management (Spring only)	Juniors or above	
BACS 392*	Systems Platforms & Network Development	BACS 380 Juniors or above	Networking & Data with minimum grade of "C-"
BACS 495*	Special Topics in CIS	Juniors or above	

Business Electives – Six (6) semester credit hours

BA 251, BACS 200, BACS 287 or any 300/400 level course from any emphasis not counted in the Business Core, Required Emphasis, or Required Emphasis Electives.
(BAAC 301, BAFN 302 and BAMG 356 may not be used.)

Notes:

- BACS 495 Special Topics in CIS may be repeated. A maximum of 6 credits may be applied to the student's degree program.
- With the written approval of the CIS Department Chair, an Executive Professor Special Topics course may be substituted for BACS 495 Special Topics in CIS.