

**B.S. in BUSINESS ADMINISTRATION
COMPUTER INFORMATION SYSTEMS EMPHASIS
Suggested Four-Year Schedule
2019-2020 Catalog**

Student:

Date:

Advisor:

Bear ID:

The Bachelor of Science in Business Administration degree requires a minimum of **120 hours** which includes:
56 hours of Liberal Arts Core and supporting Courses,
60 hours of Business coursework (30 hours of Business Core, 24 hours of Emphasis courses and 6 hours of Business Elective courses) and
Completion of additional credits to reach the 120 minimum credits; that will typically be 4 credits.

YEAR ONE			Sem Hrs	YEAR TWO			Sem Hrs
BAMG 125	Taking Care of Business		3	BA 205	(LAC 1b) Business Communications		3
ENG 122	(LAC 1a) College Composition		3	BAAC 220	Principles of Accounting I		3
MATH 124	(LAC 2) College Algebra		4	MATH 176	Topics in Calculus		3
BACS 101	(LAC ELCT) Business Computing		3	ECON 203	(LAC 5a) Principles of Macroeconomics		3
	(LAC 3 - Arts & Humanities)		3		(LAC 3 - Arts & Humanities)		3
	(LAC 4 History)		3	BAAC 221	Principles of Accounting II		3
	(LAC 6 – Sciences)		3	BAFN 231	Legal Environment of Business		3
	(LAC 7 - International Studies)		3	BACS 287	Graphical Interface Programming		3
ECON 205	(LAC 5a) Principles of Microeconomics		3	COMM 100	Basics of Public Speaking (LAC ELCT)		1
PSY 120 or SOC 100 or PSY 265	(LAC 5c) Principles of Psychology or (LAC 5c) Principles of Sociology or (LAC 5c) Social Psychology		3	COMM 101	Speaking Evaluation (LAC ELCT)		2
				STAT 150	(LAC 2) Intro to Statistical Analysis		3
TOTAL			31	TOTAL			30

YEAR THREE			Sem Hrs	YEAR FOUR			Sem Hrs
BAMG 350	Management and Organizational Behavior		3	BAMG 390	Operations Management		3
BAMK 360	Marketing		3	BACS 485	Database Management Systems (FA)		3
BACS 300	Information Systems		3	BACS 487	System Analysis and Design (FA)		3
BAFN 370	Business Finance		3	BACS 488	Senior CIS Project (SP)		3
BAFN 305	Intermediate Business Stats		3		CIS Emphasis Elective (<i>see back</i>)		3
BACS 380	Network & Data Comm Systems		3	BAMG 456	Strategic Management		3
BACS 387	Object Oriented Systems (FA)		3		(LAC 6 – Science with LAB)		4
	CIS Emphasis Elective (<i>see back</i>)		3		Business Elective: Take six (6) semester credit hours from: BACS 200 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.)		3
	(LAC 8 – Multicultural Studies)		3				3
	University-Wide Elective		3		University-wide Credit		1
TOTAL			30	TOTAL			29

ADDITIONAL REQUIREMENTS FOR BUSINESS STUDENTS			
Professional Experience		Career Development Series	
1. Information Session	First Year	Etiquette Lunch/Dinner	First Year
2. Resume and Cover Letter Workshop	Second Year	Mocktails	Sophomore Status
3. Professionalism and Interviewing	Second Year	Networking Night	Junior Status
4. Professional Experience (<i>must be approved prior to its start date</i>)	Third/Fourth Year	Career and/or Internship Fair	Senior Status
Melissa Hoffman • Melissa.Hoffman@unco.edu • Kepner 1095 • mcb.unco.edu/professional-experience/important-dates.aspx			

A student must attain a 2.0 or greater cumulative Business GPA, and at least a "C-" grade in Business Administration Core, Emphasis Core, Emphasis Electives and Business Electives.

A student who has attempted at least nine UNC credits in Business Administration courses must maintain a 2.0 grade point average in all Business courses. The following Business courses do **not** count in the Business GPA: BACS 180, BAMK 260, BAAC 301, BAFN 302, and BAMG 356.

UNC's Grade Replacement Policy may be applied to Business courses during the student's undergraduate academic career. Please see <http://www.unco.edu/registrar/grades/grade-replacement.aspx> for details.

Note for Current UNC and Transferring Students: Applicants with at least a 3.0 cumulative GPA are admitted to the major automatically. Some students may qualify to apply for admission to a Business major or minor. These students include: Transfer students with at least 15 hours with a cumulative GPA of 2.5-2.99 and UNC students who have completed a total of 15 hours with a cumulative UNC GPA of 2.5-2.99. Students may apply with the administrative assistant in the department of their choice of emphasis located in Kepner Hall.

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.

**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.**

BUSINESS CORE: 30 semester credit hours total

Take all courses in the following list. A grade of "C-" or better is required in each course.
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
	Professional Experience	1. Information Session 2. Resume & Cover Letter Workshop 3. Professionalism & Interviewing Workshop	Professional Experience must be pre-approved by Professional Experience Coordinator Melissa.Hoffman@unco.edu
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	
BACS 300	Information Systems	BACS 101 or CS 101 or CS 120 Juniors or above	Business Computing with minimum grade of "D-" or Introduction to Computer Science with minimum grade of "D-" or Computer Programming with minimum grade of "D-"
BAFN 305	Intermediate Business Statistics	BACS 101 STAT 150 MATH 176 or MATH 131 Juniors or above	Business Computing (may be taken concurrently) Intro to Statistical Analysis with a minimum grade of "D-" Topics in Calculus or Calculus I minimum grade of "D-" BAFN 305 should be taken prior to enrolling in any 400lv business course.
BAMG 350	Management and Organizational Behavior	Juniors or above	
BAMK 360	Marketing	ECON 205 Juniors or above	Principles of Microeconomics (may be taken concurrently)
BAFN 370	Business Finance	BAAC 221 MATH 124 STAT 150 ECON 203 ECON 205 Juniors or above	Principles of Accounting II with minimum grade of "D-" College Algebra with minimum grade of "D-" Intro to Statistical Analysis with minimum grade of "D-" Principles of Macroeconomics with minimum grade of "D-" Principles of Microeconomics with minimum grade of "D-"
BAMG 390	Operations Management	BACS 101 STAT 150 Business Majors only Juniors or above	Business Computing with minimum grade of "D-" Introduction to Statistical Analysis with minimum grade of "D-"
BAMG 456	Strategic Management	BAFN 305 BAFN 370 BAMG 350 BAMK 360 Business Majors only Senior standing	Intermediate Business Statistics (may be taken concurrently) Business Finance with a minimum grade of "C-" Management and Organizational Behavior with a minimum grade of "C-" Marketing with a minimum grade of "C-"

COMPUTER INFORMATION SYSTEMS EMPHASIS: 24 semester credit hours total. Must be a Business Major and a Junior or Above.
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

Take all courses in the following list. A grade of "C-" or better is required in each course.

Course #	Course Titles	Prerequisites	Prerequisite Course Titles/Notes
BACS 287	Graphical Interface Programming	Business Majors/Minors & SE Majors only	
BACS 380	Networking and Data Communications Systems	Business Majors/Minors & SE Majors only Juniors or above	
BACS 387	Object Oriented System Development (FA)	BACS 287 Business Majors/Minors & SE Majors only Juniors or above	Graphical Interface Programming with minimum grade of "D-"
BACS 485	Database Management Systems (FA)	BACS 287 BACS 300 Business Majors/Minors & SE Majors only Senior standing	Graphical Interface Programming with minimum grade of "D-" Information Systems with minimum grade of "D-"
BACS 487	Systems Analysis and Design (FA)	BACS 287 BACS 300 CIS emphasis students, CIS Minors, & SE Majors only Senior standing	Graphical Interface Programming with minimum grade of "D-" Information Systems with minimum grade of "D-"
BACS 488	Senior CIS Project (SP)	BACS 387 or CS 350 BACS 487 Business Majors/Minors & SE Majors only 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 list. A grade of "C-" or better is required in each course.

Course #	Course Titles	Prerequisites	Prerequisite Course Titles/Notes
BACS 350	Intermediate Web Development	BACS 200	Web Design and Development for Small Business with minimum grade of "D-"
BACS 371	Introduction to Computer Forensics	BACS 300	Information Systems with minimum grade of "D-"
BACS 382	Information Security	BACS 380	Networking & Data Communications Systems with minimum grade of "D-"
BACS 383	Designing User Experiences	BACS 200 BACS 287 or CS 200 Juniors or above	Web Design and Development for Small Business with minimum grade of "C-" Graphical Interface Programming or Object-Oriented Analysis, Design and Programming with minimum grade of "C-"
BACS 385	Fundamentals of Project Management	Juniors or above	
BACS 392	Systems Platforms & Network Development	BACS 380 Business Majors/Minors only Juniors or above	Networking & Data Communications Systems with minimum grade of "C-"
BACS 495	Special Topics in CIS	Business Majors/Minors only Juniors or above	

- 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.