

BACHELOR OF BUSINESS ADMINISTRATION – COMPUTER INFORMATION SYSTEMS CONCENTRATION

Program Overview

The Bachelor of Business Administration (BBA) with a concentration in Computer Information Systems is designed to prepare the student for a career in business applications of computing technology and develop the proper background required to pursue graduate work in Computer Information Systems.

The CIS program also prepares students to manage all aspects of computer information systems. Graduates are trained based on best practices to be capable of identifying, implementing and maintaining appropriate information technology applications and services that optimally meet the business needs of institutions where these tools and services are utilized. They are also trained to use computer technology to enhance personnel performance, leverage business processes and expedite decision making. This concentration requires students to combine extensive work in both computer information systems and business.

Career Opportunities for Computer Information Systems

Computer Information Systems graduates have a wide variety of career opportunities in various fields to include business, engineering, health care, and other scientific fields; where they hold positions such as: Database Manager, Database Administrator, Application Developer, Web Designer, Programmer, Information Security Officer/Analyst and Network Administration. Professionals in the computer information systems industry are sought to test, market, sell, or service computer products including hardware, software, and systems.

Objectives

Graduates of the Computer Information Systems program will:

1. Demonstrate a depth of understanding and skills in Computer Information Systems;
2. Find employment in their field of specialization;
3. Qualify to gain admission to graduate and/or professional studies;
4. Deploy the requisite scientific, technical, and social skills to function in a professional environment.

GENERAL DEGREE REQUIREMENTS

Students pursuing the Bachelor of Business Administration with a concentration in Computer Information Systems must complete the following:

General Education Requirements	45 Semester Hours
Departmental Requirements	48 Semester Hours
Concentration Field of Study Requirements	24 Semester Hours
Directed Electives	<u>3</u> Semester Hours
Total Semester Hours	120

Graduation Requirements

To graduate with a BBA with a concentration in Computer Information Systems, students must:

1. Earn at least “C” in all courses required to satisfy the departmental requirements, the major field of study, and elective courses as delineated in the student’s degree plan.
2. Earn at least a “C” in ENGL 1301, ENGL 1302, (English Composition I and II) and MATH 1330 (College Algebra).
3. Meet all General Education requirements as specified in catalog.
4. Possess a cumulative GPA of at least a 2.00 on a 4.00 scale.
5. Enroll in GEEP courses and receive a “P” grade each semester in attendance.
6. Take the Rising Junior Examination, Senior Comprehensive Exam, and Major Subject Field Test.
7. Take the Departmental Comprehensive Exam.
8. Complete and application for graduation and secure the approval if the advisor, and the dean of the School.

RECOMMENDED FOUR-YEAR CURRICULUM Computer Information Systems Concentration

Freshman Year

First Semester				Second Semester			
			Cr. Hrs.				Cr. Hrs.
ENGL	1301	English Composition I	3	ENGL	1302	English Composition II	3
HIST	1301	United States History I	3	MATH	1330	College Algebra	3
CISC	1300	Introduction to Computing	3	BIOL	1401	Intro. to Biology with Lab or	4
HIST	2300	Intro to African American Studies	3	PHYS	1402	Intro. to Physical Science Lab	
PHED	1110	Fund. of Health & Fitness I	1	PHED	1111	Fund. of Health & Fitness II	1
GEES	1200	Academic Success	2	RELI	1301	Survey of Religion & Philosophy	3
GEES	1100	Academic Success - PF	1	BUSI	1355	Business Mathematics	3
GEEP	1001	General Educ Enrich Program	0	GEEP	1002	General Educ Enrich Program	0
			16				17

Sophomore Year

First Semester				Second Semester			
			Cr. Hrs.				Cr. Hrs.
CISC	2330	Computer Apps in Business	3	HUMA	2300	Humanities	3
ACCT	2311	Principles of Accounting I	3	ACCT	2322	Principles of Accounting II	3
ECON	2311	Principles of Economics I	3	ECON	2322	Principles of Economics II	3
SPAN	2301	Elementary Spanish I	3	SPAN	2302	Elementary Spanish II	3
ENGL	2311	World Literature I	3	HIST	1302	US History II	3
BUSI	1300	Intro to Business	3	SPCH	2300	Speech Communication	3
GEEP	2001	General Educ Enrich Program	0	GEEP	2002	General Educ Enrich Program	0
			18	CLAP	3099	Rising Junior Exam	0
							18

Junior Year

First Semester			Cr. Hrs.	Second Semester			Cr. Hrs.
CISC	3340	Prob Solv & Intro to Prog	3	CISC	3350	Database Systems Management	3
CISC	3335	Management Info Systems	3	CISC	3392	Visual Basic Applications	3
MARK	3300	Principles of Marketing	3	BUSI	3321	Business Statistics I	3
FINA	3322	Business Finance	3	MGMT	3311	Principles of Management	3
BUSI	3300	Business Communication	3	GEEP	3002	General Educ Enrich Program	0
GEEP	3001	General Educ Enrich Program	0				12
			15				

Senior Year

First Semester			Cr. Hrs.	Second Semester			Cr. Hrs.
BUSI	3344	Business Law I	3	CISC	4385	Inform Sys Design & Project Mgt	3
CISC	4380	Network Design & Implement	3	MGMT	4388	Strat Mgmt & Bus Policy	3
CISC	3360	Web-Based Bus App- JavaScript	3	BUSI	4355	Business Ethics	3
CISC	4382	Information Sys Security	3	CISC		Elective	3
CLAP	4098	Senior Comp Exam	0	GEEP	4002	General Educ Enrich Program	0
GEEP	4001	General Educ Enrich Program	0				12
			12				
						Total Semester Hours	120

General Education Requirements (45 hours)

			Semester Hours	
BIOL	1401	Introduction to Biological Sciences with Lab	OR	4
PHYS	1402	Introduction to Physical Sciences with Lab		(4)
ENGL	1301	English Composition I		3
ENGL	1302	English Composition II		3
ENGL	2311	World Literature I		3
GESS	1200	Academic Success Seminar		2
GESS	1100	Academic Success Seminar – Personal Finance		1
HIST	1301	US History I		3
HIST	1302	US History II		3
HIST	2300	Introduction to African American Studies		3
HUMA	2300	Humanities		3
MATH	1330	College Algebra		3
PHED	1110	Fundamentals of Health and Fitness I		1
PHED	1111	Fundamentals of Health and Fitness II		1
RELI	1301	Survey of Religion and Philosophy		3
SPAN	2301	Elementary Spanish I		3
SPAN	2302	Elementary Spanish II		3
SPCH	2300	Speech Communication		3
			Total Semester Hours	45

Departmental Requirements			Semester Hours
ACCT	2311	Principles of Accounting I	3
ACCT	2322	Principles of Accounting II	3
BUSI	1300	Introduction to Business	3
BUSI	1355	Business Mathematics	3
BUSI	3300	Business Communication	3
BUSI	3321	Business Statistics I	3
BUSI	3344	Business Law I	3
BUSI	4355	Business Ethics	3
CISC	1300	Introduction to Computing	3
CISC	2330	Computer Applications in Business	3
ECON	2311	Principles of Economics I	3
ECON	2322	Principles of Economics II	3
FINA	3322	Business Finance	3
MARK	3300	Principles of Marketing	3
MGMT	3311	Principles of Management	3
MGMT	4388	Strategic Management	<u>3</u>
Total Semester Hours			48

Elective Requirements for Computer Information Systems Students

(Students should choose one course from the following list:)

			Semester Hours
CISC	3358	Data Communication Systems and Networking	3
CISC	3366	Advanced Web-Based applications	3
CISC	4332	Data Mining	3
CISC	4370	Internship	<u>3</u>
Total Semester Hours			3

Courses Required to Satisfy the Concentration Field of Study Requirements for Computer Information Systems Students:

			Semester Hours
CISC	3335	Management Information Systems	3
CISC	3340	Problem Solving and Introduction to Programming	3
CISC	3350	Database Systems Management	3
CISC	3360	Web-Based Business Application-JavaScript	3
CISC	3392	Visual Basic Applications	3
CISC	4380	Network Design & Implementation	3
CISC	4382	Information Systems Security	3
CISC	4385	Information Systems Analysis Design & Project Management	<u>3</u>
Total Semester Hours			24

Courses Required to Satisfy a Minor in Computer Information Systems:

			Semester Hours
CISC	3335	Management Information Systems	3
CISC	3340	Problem Solving and Introduction to Programming	3
CISC	3350	Database Systems Management	3
CISC	3360	Web-Based Business Application-JavaScript	3
CISC	3392	Visual Basic Applications	3
CISC	4380	Network Design & Implementation	<u>3</u>
Total Semester Hours			18