



# COMPUTER INFORMATION SYSTEMS

BBA

General Education Core			
Course No.	Title	Hrs	Prerequisites and Minimum Classification
<i>Maximum 15 credits of "Ds" and minimum grade of "C" for MATH courses.</i>			
<i>MATH courses fulfilled by a placement test must be substituted with Business or Non-Business Elective(s) totaling the same number of credits.</i>			
ECON 001	Principles of Economics I	3	View the Howard Course Catalog or contact the Department coordinating the course
ECON 002	Principles of Economics II	3	
ECON 180	Statistics for Business & Economics	3	
ENGW	English Writing Requirements	6	
HIST or POLS	History or Political Science Elective	3	
MATH 007 or MATH 010	Pre-Calculus or College Algebra II	4	
MATH 026 or MATH 156	Applied Calculus or Calculus I	4	
	Afro-American Elective	3	
	Business or Non-Business Electives	9	
	Foreign Language Requirements	6	
	Non-Business Elective	3	
	Science Elective	3	
<b>Total Credit Hours</b>			

Business Core			
<i>Maximum 6 credits of "Ds" and minimum grade of "C" in ACCT 201 and INFO 204.</i>			
ACCT 201	Accounting Principles I	3	MATH 006 (C)
ACCT 202	Accounting Principles II	3	ACCT 201 (C); MATH 007/010 (C)
BCOM 320	Business Communication	3	ENGW 101/102/104; ENGW 103/105; MATH 026/156 (C); Sophomore
BEEN 330 or MGMT 351	Managerial Economics or Entrepreneurship	3	<i>Varies based on chosen course</i>
BLAW 305	Business Law I	3	MATH 026/156 (C); Junior
FINA 311	Finance Principles	3	ACCT 202; ECON 001; ECON 002; MATH 026/156 (C); Junior
INFO 010	Business Problem Solving	2	None
INFO 204	Management Info Systems	3	INFO 010
INFO 311	Quantitative Business Analysis	3	ECON 180; INFO 204; MATH 026/156 (C); Junior
INFO 335	Production & Operations Mgmt	3	INFO 311; Junior
MGMT 001	Career Counseling	1	MGMT 011
MGMT 010	Business Orientation	1	None
MGMT 011	Business Orientation II	1	MGMT 010
MGMT 301	Management & Org. Behavior	3	ACCT 201 (C); ECON 001; ECON 002; MATH 026/156 (C); Junior
MGMT 390	Business Policy	3	MGMT 301; Senior
MKTG 301	Principles of Marketing	3	ACCT 202; ECON 001; ECON 002; MATH 026/156 (C)
	Business Electives	6	<i>Varies based on chosen course</i>
<b>Total Credit Hours</b>			<b>47</b>

Major Core			
<i>Minimum 2.5 GPA and grade of "C."</i>			
INFO 210	Introduction to Software Design	3	INFO 204 (C)
INFO 330	Database Management	3	INFO 210 (C)
INFO 340 or INFO 341	Intro to C++ or Java	3	INFO 210 (C)
INFO 370	Systems Analysis and Design	3	INFO 330 (C); Junior
INFO 398	Info Systems Consulting	3	INFO 330 (C); INFO 370 (C); Senior
<b>Total Credit Hours</b>			<b>15</b>

Major Electives			
<i>Minimum 2.5 GPA and grade of "C." Choose <b>three</b> of the following courses:</i>			
INFO 308	Visual C++	3	INFO 210 (C)
INFO 325	Intro to Data and Network Communications	3	INFO 210 (C)
INFO 340 or INFO 341	Intro to C++ or Java	3	INFO 210 (C)
INFO 365	Simulations and Information Systems	3	INFO 311 (C); INFO 340/341 (C)
INFO 375	Seminar in Computer Based Information Systems	3	INFO 204 (C); Junior
INFO 380	Decision Support and Expert	3	INFO 330/370 (C)
INFO 384	Business Analytics	3	ACCT 202; ECON 180; INFO 204; MATH 026/156 (C); Junior
INFO 385	Introduction to E Business	3	INFO 204 (C); Junior
INFO 386	Intro to Human Computer Interaction	3	INFO 204 (C); Junior
INFO 387	Intro to Web Authoring Tools	3	INFO 210 (C)
INFO 391	Intro to Information Security	3	INFO 204 (C)
INFO 393	Network/Internet Security Mgmt	3	INFO 204 (C)
INFO 394	Secure Electronic Commerce	3	INFO 204 (C)
INFO 395	Information Assurance	3	INFO 204 (C)
INFO 396	Project Management	3	ACCT 202; ECON 180; INFO 204; MATH 026/156 (C)
INFO 399	Senior Project	3	Approval
SCHM	Supply Chain Elective	3	<i>Varies based on chosen course</i>
<b>Total Credit Hours</b>			<b>9</b>

**Total Credit Hours Required for Graduation in Program 121**

*Minimum 2.0 Cumulative GPA*

*Effective Fall 2022  
Rev'd SU23*



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## FOUR-YEAR EXAMPLE SCHEDULE

First Year					
Course No.	Course Title	Hrs	Course No.	Course Title	Hrs
<b>First Semester</b>			<b>Second Semester</b>		
ENGW XXX	English Writing Requirement 1	3	ENGW XXX	English Writing Requirement 2	3
INFO 010	Business Problem Solving	2	MATH 026	Applied Calculus	4
MATH 010	College Algebra II	4	MGMT 011	Business Orientation II	1
MGMT 010	Business Orientation	1		Non-Business Elective	3
	Afro-American Elective	3		Foreign Language 2	3
	Foreign Language 1	3			
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>14</b>
Second Year					
<b>First Semester</b>			<b>Second Semester</b>		
ACCT 201	Accounting Principles I	3	HIST or POLS	History or Political Science Elective	3
ECON 001	Principles of Economics I	3	ACCT 202	Accounting Principles II	3
ECON 180	Statistics: Bus & Economics	3	ECON 002	Principles of Economics II	3
INFO 204	Management Information Syst	3	INFO 210	Intro to Software Design	3
MGMT 001	Career Counseling	1	BCOM 320	Business Communication	3
	Science Elective	3			
	<b>Total Credit Hours</b>	<b>16</b>		<b>Total Credit Hours</b>	<b>15</b>
Third Year					
<b>First Semester</b>			<b>Second Semester</b>		
INFO 311	Quantitative Business Analysis	3	BLAW 305	Business Law I	3
INFO 340 or INFO 341	Programming Language	3	FINA 311	Finance Principles	3
MGMT 301	Management & Org Behavior	3	INFO 330	Database Management	3
MKTG 301	Principles of Marketing	3	INFO 335	Production & Operations Mgmt	3
	Business or Non-Business Elective	3	INFO XXX	C.I.S. Elective	3
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>
Fourth Year					
<b>First Semester</b>			<b>Second Semester</b>		
INFO 370	Systems Analysis & Design	3	INFO 398	Information Systems Consulting	3
INFO XXX	C.I.S. Elective	3	INFO XXX	C.I.S. Elective	3
BECN 330 or MGMT 351	Managerial Economics or Entrepreneurship	3	MGMT 390	Business Policy	3
	Business or Non-Business Elective	3		Business Elective	3
	Business or Non-Business Elective	3		Business Elective	3
	<b>Total Credit Hours</b>	<b>15</b>		<b>Total Credit Hours</b>	<b>15</b>

**Total Credit Hours Required for Graduation in Program 121**