

## 114 Department of Business

### BACHELOR OF SCIENCE DEGREE BUSINESS ADMINISTRATION COMPUTER AND INFORMATION SYSTEMS

Students completing this degree will qualify for positions in entry-level computer programming; entry level programming analysis; entry-level systems analysis; and entry-level data base administrator.

#### **General Education Requirements** **43 hours**

Computer Science and Information Systems majors must complete ECON 201 and MATH 102 as part of the General Education requirements.

#### **Business Administration Core** **33 hours**

ACCT 231	Principles of Accounting I	3
ACCT 232	Principles of Accounting II	3
BUSN 100	Introduction to Business	3
BUSN 193	Applied Business Communications	3
BUSN 230	Quantitative Business Analysis I	3
BUSN 270	Business Law I	3
BUSN 330	Quantitative Business Analysis II	3
CSCI 101	Contemporary Computer Applications	
CSCI 260	Management Information Systems	3
ECON 201	Principles of Microeconomics	
ECON 202	Principles of Macroeconomics	3
MGMT 201	Principles of Management	3
MRKT 201	Principles of Marketing	3

#### **Computer and Information Systems Major** **21 hours**

BUSN 493	Strategic Management and Planning	3
CSCI 360	Systems Analysis and Design	3
CSCI 381	Database Management	3
CSCI 490	Computer Science Project	3
ECON 420	The Financial System and Economy	3
FINC 321	Business Finance	3
STAT 361	Introduction to Statistical Analysis	3

**Students may select one or both of the below concentrations:**

<b>Architecture &amp; Security Concentration</b>			<b>15 hours</b>
CSCI 202	Enterprise Architecture and Security	3	
CSCI 304	Networking & Security	3	
CSCI 335	Cyber Crime Investigation I (crosslisted course CRJU 335)	3	
CSCI 352	Operating Systems Principles	3	
CSCI 435	Cyber Crime Investigation II (crosslisted course CRJU 435)	3	
<b>Programming Concentration</b>			<b>15 hours</b>
CSCI 201	Introduction to Computer Programming	3	
CSCI 286	C++ Programming	3	
CSCI 305	Web Design	3	
CSCI 386	Data Structures	3	
CSCI 405	Web Application Development	3	
<b>Upper Division Electives approved by faculty advisor</b>			<b>16 hours</b>
<b>Total minimum hours required for degree</b>			<b>128 hours</b>

**GATEWAY ASSESSMENT - BUSINESS 193**  
**CAPSTONE ASSESSMENT - BUSINESS 493**