

**BACHELOR OF ARTS/SCIENCE**  
**BUSINESS INFORMATICS**

2024-2025

GENERAL EDUCATION CORE		REQ	COMP	NEED
<b>Written Communication</b>				
ENGL 101 & 102	6			
ENGL 109				
<b>Oral Communication - Choose 1</b>				
COMM 101, 203, 204	3			
<b>Mathematical Ways of Knowing - Choose 1</b>				
MATH 123, 130, 140, 143, 147, 153, 170, 253, 257, or MTHPT 130, 137, 153, or CS/CITPT 108	3			
<b>Humanistic &amp; Artistic Ways of Knowing - Choose 2</b>				
ENGL 175, ENGL 257, ENGL 258, ENGL 261 <b>OR</b>	6-7			
NP 101, NP 102, SPAN 101, SPAN 102 <b>OR</b>				
ART 100, HUM 101,150, MUS 101,102,150,151,152,THEA 101				
<b>Scientific Ways of Knowing -</b>				
CS 108 Intro to Computer Science	4			
<b>Select one course from the following</b>				
BIOF 100	7-8			
BIOL 100, 120, 123, 175, 227				
CHEM 100, 105, 111				
FSCI 101 or GIS 271				
GEOL 101, GEOL 120				
NS 140, NS 150, NS 174, ID 240				
CITPT 108				
PHYS 111 or 112, 171, 205, 211				
<b>Social &amp; Behavioral Ways of Knowing</b>				
PSYC 101	6			
ECON 201 or 202				
<b>Diversity - Choose 1</b>				
ANTH 102, 120, 170, 360	3			
COMM 345, ENGL 258, ENGL 474, GEOG 102				
HIST 101, 102, 111, 112				
HRPT 184 or SS 184 or KIN 220				
NP 101, 102				
POLS 285 or SOC 101				
SPAN 101, 102, 201, 202				
<b>Integrative Seminar: Ethics &amp; Values</b>				
ID 300A-300Z (see course descriptions/options in catalog)	3			
ID 301A				
<b>TOTAL</b>	<b>37-38</b>			
<b>FOREIGN/HERITAGE LANGUAGE</b>		<b>REQ</b>	<b>COMP</b>	<b>NEED</b>
101	Take 16 credits of language if selecting Bachelor of Arts degree. May also count as Diversity.			
102				
201				
202				
<b>TOTAL</b>	<b>16</b>			

Students must earn at least a "C-" in Math, ECON, and PSYC 101.

MAJOR COURSES		REQ	COMP	NEED
AC 231	Principles of Accounting I	3		
AC 232	Principles of Accounting II	3		
BUS 101	Introduction to Business	3		
BUS 220	Business Communication	3		
BUS 221	Intro to Computers/Info Sys.	3		
ECON 300	Statistical Methods	3		
PSYC 300				
SS 300				
ECON 201 or 202 (Take one as core)		3		
CITPT 111	Web Development Basics	3		
CS 111	Foundations of Programming	4		
CS 211	Computer Science II	4		
CS 226	SQL:Structured Query Language	3		
CS 253	Intro to Systems Programming	4		
<b>UPPER DIVISION COURSES</b>				
BUS 301	Financial Management	3		
BUS 311	Foundations Management Theory	3		
BUS 321	Principles of Marketing	3		
BUS 355	Information Systems for Managers	3		
BUS 365	Business Law I	3		
BUS 370	Prod/Op Management	3		
CS 311	Algorithms and Data Structures	4		
CS 445	Databases and Knowledge Mgmt	3		
CS 480	Capstone Design Project	4		
<b>UPPER DIVISION Computer Science Elective</b>				
CS 3XX/4XX		3		
CS 3XX/4XX		3		
<b>TOTAL</b>		<b>6</b>		
<b>GENERAL ELECTIVES</b>				
<b>TOTAL</b>		<b>13</b>		
<b>SUMMARY</b>				
GENERAL EDUCATION		37		
MAJOR		60		
GENERAL ELECTIVES		13		
<b>TOTAL</b>		<b>120</b>		

Students must earn at least a "C-" in all major courses.  
Students must also earn at least a 2.50 grade point average in all business courses combined, including AC and ECON.