MAJOR IN BUSINESS ADMINISTRATION, INFORMATION SYSTEMS CONCENTRATION

Effective Fall 2022

Requirements

The College of Business requires a minimum grade point average of 2.000 in business and economics courses as a graduation requirement.

Freshman

		AUCC	Credits
BUS 100 or 105	Introduction to Business Exploration of Business		1
BUS 201	Foundations of Sustainable Enterprise		1
CIS 200	Business Information Systems		3
CO 150	College Composition (GT-CO2)	1A	3
ECON 202	Principles of Microeconomics (GT-SS1)	3C	3
Complete 3 credits from the following:			3
MATH 117	College Algebra in Context I (GT-MA1)	1B	
MATH 118	College Algebra in Context II (GT-MA1)	1B	
MATH 124	Logarithmic and Exponential Functions (GT-MA1)	1B	
MATH 125	Numerical Trigonometry (GT-MA1)	1B	
MATH 126	Analytic Trigonometry (GT-MA1)	1B	
MATH 141 (or higher level calculus course)	Calculus in Management Sciences (GT-MA1)	1B	
Biological and Physical Sciences (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)		3A	4
Diversity, Equity, and Inclusion (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#diversity-equity-inclusion)		1C	3
Electives			9
	Total Credits		**30**

Sophomore

		AUCC	Credits
ACT 210	Introduction to Financial Accounting		3
ACT 220	Introduction to Managerial Accounting		3
BUS 220	Ethics in Contemporary Organizations (GT-AH3)	3B	3
CIS 240	Application Design and Development		3
CIS 370	Business Analytics		3
ECON 204	Principles of Macroeconomics (GT-SS1)	3C	3
STAT 204	Statistics With Business Applications (GT-MA1)	1B	3
Biological and Physical Sciences (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#biological-physical-sciences)		3A	3
Historical Perspectives (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#historical-perspectives)		3D	3
Electives			3
	Total Credits		**30**

Junior

All freshman and sophomore required courses must be completed prior to or concurrent with first enrollment in required junior and senior courses.

BUS 260	Social-Ethical-Regulatory Issues in Business		3
BUS 300	Business Writing and Communication (GT-CO3)	2	3
CIS 320	Project Management for Information Systems		3
CIS 355	Business Database Systems		3
CIS 360	Systems Analysis and Design		3
FIN 300[1]	Principles of Finance	4A,4B	3
Select two courses from the following:			6
CIS 310	Data Preparation for Business Analytics		
CIS 340	Advanced Application Design and Development		
CIS 350	Operating Systems and Networks		
CIS 410	Web Application Development		
CIS 411	Enterprise Resource Planning Systems		
CIS 413	Advanced Networking and Security		
CIS 455	Advanced Database Management		
CIS 563	Information Assurance and Security		
CIS 575	Applied Data Mining and Analytics in Business		
CIS 576	Business Data Visualization		
Electives			6
	Total Credits		**30**

Senior

BUS 479	Strategic Management	4A,4C	3
Select two courses from the following not taken in the junior year:			6
CIS 310	Data Preparation for Business Analytics		
CIS 340	Advanced Application Design and Development		
CIS 350	Operating Systems and Networks		
CIS 410	Web Application Development		
CIS 411	Enterprise Resource Planning Systems		
CIS 413	Advanced Networking and Security		
CIS 455	Advanced Database Management		
CIS 563	Information Assurance and Security		
CIS 575	Applied Data Mining and Analytics in Business		
CIS 576	Business Data Visualization		
MGT 301	Supply Chain Management		3
MGT 320	Contemporary Management Principles/Practices		3
MKT 300	Marketing	4B	3
Arts and Humanities (http://catalog.colostate.edu/general-catalog/all-university-core-curriculum/aucc/#arts-humanities)		3B	3
Electives[2]			9
	Total Credits		**30**
	Program Total Credits:		**120**

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[1] Students who have taken FIN 305 and/or MKT 305 prior to admission to the College of Business may substitute those courses to satisfy the category 4A and 4B requirements. All other students are required to take FIN 300 and MKT 300 to satisfy categories 4A and 4B.

[2] Select enough elective credits to bring the program total to a minimum of 120 credits, of which at least 42 must be upper-division (300- to 400-level). A minimum of 6 elective credits must be upper-division.

Students are not to utilize the satisfactory/unsatisfactory (S/U) grading option for any Business concentration course or any Business core

course (Business and non-Business subject codes) except when a course only allows S/U grading.