



**Bachelor of Science in:  
Business Information Systems**

**For Students Following the:  
2024-2025 catalog**

<b>Name:</b>
<b>Student ID:</b>
<b>Catalog Year:</b>

BIS 101 Completed

<b>PRE-MAJOR COURSES (18 Hours)</b>					
Course		Pre-req	Credits	Term	Grade
ACC 200**	Introductory Financial Accounting	MAT 102 or STA 205 or STA 205R	3		
ACC 201**	Introductory Managerial Accounting	ACC 200	3		
BUS 230**	Legal Environment		3		
ECO 100**	Principles of Macroeconomics		3		
ECO 101**	Principles of Microeconomics		3		
MKT 205**	Principles of Marketing	Sophomore Standing	3		

Notes
Successful ACC 200 CLEP
Successful BUS 230 CLEP
Successful ECO 100 CLEP
Successful ECO 101 CLEP
Successful MKT 205 CLEP

*Date pre-major completed with no grade lower than a C- and a minimum 2.5 GPA:*

<b>COURSES IN BUSINESS (28 Hours)</b>					
Course		Pre-req	Credits	Term	Grade
BIS 300**	Management Information Systems	Sophomore Standing or BUS 101 and STA 205 or STA 205R or STA 250 and BIS 101 or Department Permission	3		
BIS 380	Quantitative Analysis for Business	Sophomore Standing & STA 205 or STA 205R or STA 250	3		
BUS 330	Ethics: Managerial Decision Making	BUS 230 & Junior Standing	3		
FIN 305**	Principles of Finance	STA 205 or STA 205R & 45 Earned Hours	3		
INF 201	Foundations of Informatics Professionals	Sophomore Standing	1		
MAT 114	Finite Mathematics	MAT 102 or placement	3		
MGT 300	Behavior in Organizations: Understanding Organizational Life	45 Earned Hours	3		
MGT 303**	Operations Management in Business	MAT 114 & STA 205 or STA 205R & 45 Earned Hours	3		
MGT 490	Business Policy	MGT 300, FIN 305, MGT 303, MKT 205 or MKT 305, Senior Standing & Certified Major	3		
STA 205 OR STA 205R	Statistical Methods Statistical Methods with Recitation	MAT 101 or placement	3		

Notes
Successful BIS 300 DSST
Successful FIN 305 CPLE
Successful MAT 114 CPLE
Successful MGT 305 CLEP
Successful STA 205 DSST
Successful STA 205 DSST

COURSES IN BUSINESS INFORMATION SYSTEMS (12 Hours)					
Course	Pre-req	Credits	Term	Grade	Notes
INF 110 OR	Introduction to Application Development		3		Successful INF 120 CPLE
INF 120	Elementary Programming	MAT 102 or MAT 114 or placement	3		
INF 282	Introduction to Databases	MAT 102 (≥ C) or placement	3		
BIS 330	IT Project Management	BIS 300	3		
BIS 485	Strategic Information Systems Management	BIS 330, FIN 305, MGT 303, MKT 205, & Certified Major	3		

Students will select ONE of the tracks below or 5 department-approved courses (15 hours)

BUSINESS ANALYTICS TRACK (15 Hours)					
Course	Pre-req	Credits	Term	Grade	Notes
BIS 320	Descriptive Analytics & Visualization	STA 205 or STA 205R or STA 250 & INF 282	3		
BIS 360	Predictive Analytics	BIS 320 or BIS 380	3		
BIS 460	Prescriptive Analytics	BIS 380 or DSC 311 (pre-req or co-req)	3		
BIS or HIN 3xx-4xx		See Catalog	3		
COI Elective 3xx-4xx		See Catalog	3		

INFORMATION SYSTEMS MANAGEMENT TRACK (15 Hours)					
Course	Pre-req	Credits	Term	Grade	Notes
BIS 305	Advanced Business Programming	INF 110 or INF 120	3		
BIS 310	Systems Analysis & Design	INF 110 or INF 120, BIS 300, & Junior Standing	3		
BIS 430	Business Process Analysis	BIS 300, Junior Standing & COI Major or Department Permission	3		
BIS 435	Database Management Systems	INF 282 & Junior Standing	3		
COI Elective 3xx-4xx		See Catalog	3		

INFORMATION SECURITY MANAGEMENT TRACK (15 Hours)					
Course	Pre-req	Credits	Term	Grade	Notes
INF 284	Introduction to Computer Networks	MAT 103 and INF 110, INF 120 or CIT 130	3		
BIS 370	Information Systems Auditing	BIS 300	3		
BIS 382 OR	Information Security Management	BIS 300	3		
HIN 382	Healthcare Information Security & Privacy	HIN 355	3		
BIS or HIN 3xx-4xx		See Catalog	3		
COI Elective 3xx-4xx		See Catalog	3		

Students may also complete a track of BIS Department Approved Courses (15 Hours)

Students must earn a grade of "C-" or better in all courses that apply to the major and minor and earn a major and minor GPA of 2.00 or higher.

Please consult with your advisor and the appropriate University Course Catalog for all other degree requirements.

\*\* Notes courses in the major used to complete the Business Minor