



Bachelor of Science in:
Information Systems & Business Analytics

For students on the following catalogs:
2025-2026

☐ ISBA101 Complete

Name:
Student ID:
Catalog Year:

PRE-MAJOR COURSES (18 Hours)					
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:

COURSES IN BUSINESS (31 Hours)					
Course		Pre-req	Credits	Term	Grade
ISBA300**	Management Information Systems	Sophomore Standing and STA 205 or STA 205R or STA 250 and ISBA101 or Department Approval	3		
ISBA380	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	Foundations of International Business	ECO 100	3		
MGT 305**	Operations Management in Business	MAT 114 & STA 205 or STA 205R & 45 Earned Hours	3		
MGT 490	Business Policy	MGT 300, FIN 305, MGT 305, 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 3		

Notes
Successful ISBA300 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 (21 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 110 OR INF 120	Introduction to Application Development Elementary Programming	MAT 102 or MAT 114 or placement	3		
INF 282	Introduction to Databases	MAT 102 (≥ C) or placement	3		
ISBA320	Descriptive Analytics & Visualization	STA 205 or STA 205R or STA 250 & INF 282 or ISBA300	3		
ISBA330	IT Project Management	ISBA300	3		
ISBA360	Predictive Analytics	ISBA320 or ISBA380	3		
ISBA460	Prescriptive Analytics	ISBA380 or DSC 311 (pre-req or co-req)	3		
ISBA485	Strategic Information Systems Management	ISBA330, FIN 305, MGT 305, MKT 205, & Certified Major	3		

Notes
Successful INF 120 CPLE

Students will select ONE of the tracks below or 3 department-approved courses (9 hours)

INFORMATION SYSTEMS MANAGEMENT TRACK (9 Hours)					
Course	Pre-req	Credits	Term	Grade	
ISBA310	Systems Analysis & Design	INF 110 or INF 120, ISBA300, & Junior Standing	3		
SELECT 2 OF THE FOLLOWING COURSES (6 Hours):					
ISBA305	Advanced Business Programming	INF 110 or INF 120	3		
ISBA430	Business Process Analysis	ISBA300, Junior Standing & COI Major or Department Approval	3		
ISBA435	Database Management Systems	INF 282 & Junior Standing	3		

Notes

INFORMATION SECURITY MANAGEMENT TRACK (9 Hours)					
Course	Pre-req	Credits	Term	Grade	
INF 284	Introduction to Computer Networks	MAT 102 and INF 110, INF 120 or CIT 130	3		
ISBA370	Information Systems Auditing	ISBA300	3		
ISBA382 OR HIN 382	Information Security Management Healthcare Information Security & Privacy	ISBA300 or CSC 350 HIN 355	3 3		

Notes

Students may also complete a track of ISBA Department Approved Courses (9 Hours)

***Admission to the ISBA major requires a C- or better in all 6 selective admission courses and an overall NKU GPA of 2.5 or better or a minimum GPA of 2.5 in the 6 selective admissions courses.

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