NKU Department of Business Informatics

COLLEGE OF INFORMATICS
COMPUTATION ■ INFORMATION ■ COMMUNICATION

Bachelor of Science in:
Business Information Systems

For Students Following the:
2020-2021 catalog
2021-2022 catalog

Name:
Student ID:
Catalog Year:

☐ BIS 101 Completed

PRE-MAJOR COURSES (18 Hours)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
ACC 200**	Principles of Accounting I - Financial	Sophomore Standing & BIS 101 & MAT 102 or STA 205/205R & **ACC 200L Co-req**	3			**Successful ACC 200 CLEP**
ACC 200L**	Financial Accounting Lab	ACC 200 (co-req)	1			
ACC 201**	Principles of Accounting II - Managerial	ACC 200 & Sophomore Standing; Pre-Req or Co-Req of MAT 114	3			
BUS 230**	Legal Environment		3			**Successful BUS 230 CLEP**
ECO 200**	Principles of Macroeconomics	College Level Math	3			**Successful ECO 200 CLEP**
ECO 201**	Principles of Microeconomics	College Level Math	3			**Successful ECO 201 CLEP**
MKT 205**	Principles of Marketing	Sophomore Standing	3			**Successful MKT 205 CLEP**

Pre-Major Courses must be completed with a grade of C- or better and a 2.5 GPA

COURSES IN BUSINESS (31 Hours)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
BIS 300**	Management Information Systems	Junior Standing or BUS 101 or BIS 275 and STA 212 or STA 205 or STA 205R or STA 250 and INF 101 or BIS 101 or Department Permission	3			**Successful BIS 300 DSST**
BIS 380	Quantitative Analysis for Business	BIS 300 & STA 205 or STA 205R or STA 250	3			
BUS 330	Ethics: Managerial Decision Making	BUS 230 & Junior Standing	3			
ECO 305	Foundations of International Business	ECO 200	3			
FIN 305**	Principles of Finance	ACC 200 & 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			**Successful MAT 114 CPLE**
MGT 300	Behavior in Organizations: Understanding Organizational Life	45 Earned Hours	3			
MGT 305**	Operations Management in Business	MAT 102 or placement & 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**	Statistical Methods	MAT 101 or placement & ENG101R or RDG110 or placement	3			**Successful STA 205 DSST**
STA 205R	Statistical Methods with Recitation		3			**Successful STA 205 DSST**

COURSES IN BUSINESS INFORMATION SYSTEMS (12 Hours)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
INF 110 **OR**	Introduction to Application Development		3			
INF 120	Elementary Programming	MAT 102 or MAT 114 or placement	3			**Successful INF 120 CPLE**
INF 282	Introduction to Databases	MAT 102 (≥ C)	3			
BIS 330	IT Project Management	BIS 275 or BIS 300	3			
BIS 485	Strategic Information Systems Management	BIS 330, FIN 305, MGT 305, 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)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
BIS 384	Business Analytics	BIS 380 or DSC 311	3			
BIS 420	Business Intelligence & Enterprise Appl.	BIS 300, Junior Standing, Certified Business or COI Major or Minor, or Dept. Approval	3			
BIS 364	Visualizing Data for Business Analysis	STA 205 or STA 205R or STA 250 & INF 282	3			
BIS or HIN	3xx-4xx	See Catalog	3			
COI Elective	3xx-4xx	See Catalog	3			

GENERAL INFORMATION SYSTEMS TRACK (15 Hours)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
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 435	Database Management Systems	INF 282 & Junior Standing	3			
BIS or HIN	3xx-4xx	See Catalog	3			
COI Elective	3xx-4xx	See Catalog	3			

INFORMATION SYSTEMS AUDITING TRACK (15 Hours)						OFFICE USE ONLY
	Course	**Pre-req**	**Credits**	**Term**	**Grade**	**Approved Exceptions**
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**	Principles of Information Security	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 or 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.