

Bachelor of Science in Information Technology, Applications Development Option

Curriculum

Required courses and recommended terms during which they should be taken:

Freshman Year		Fall	
MATH 111	College Algebra		4
MIS 115	Visual BASIC Programming		4
MIS 275	Introduction to Relational Databases		3
WRI 121	English Composition		3
Total			14

Freshman Year		Winter	
ECO 201N	Principles of Economics, Microeconomics		3
MIS 102	Spreadsheet Software Laboratory		1
MIS 215	Business Application Programming		4
MIS 256	Hardware/Software Integration		4
SPE 111	Fundamentals of Speech		3
Total			15

Freshman Year		Spring	
ECO 202N	Principles of Economics, Macroeconomics		3
MIS 272	Fundamentals of Networking I		4
MIS 311	Introduction to Information Systems		3
WRI 122	English Composition Humanities elective		3 3
Total			16

Sophomore Year		Fall	
ACC 201	Principles of Accounting I		4
CST 116	C++ Programming I		4
MIS 273	Fundamentals of Networking II		4
MIS 312	Systems Analysis I		4
Total			16

Sophomore Year		Winter	
BUS 215	Principles of Management		3
MIS 322	Systems Analysis II		4
SPE 321	Small Group and Team Communication		3 3
WRI 227	Technical Report Writing Math/Science/Social Science elective		3 3
Total			16

Sophomore Year		Spring	
ACC 203	Principles of Managerial Accounting		4
MATH 361	Statistical Methods I		4
PSY 201	Psychology Math/Science/Social Science elective		3 3
Total			14

Junior Year		Fall	
ACC 325	Finance		4
MIS 341	Relational Database Design I		4
MIS 351	Enterprise Network Design I Math/Science/Social Science elective		4 3
Total			15

Junior Year		Winter	
MATH 371	Finite Mathematics and Calculus I		4
MIS 342	Relational Database Design II		4
MIS 352	Enterprise Network Design II Technical elective*		4 3
Total			15

Junior Year		Spring	
BUS 223	Principles of Marketing		3
BUS 356	Business Presentations		4
WRI 327	Advanced Technical Writing Math/Science/Social Science elective Technical elective*		3 3 3
Total			16

Senior Year		Fall	
BUS 457	Business Research Methods II		3
MIS 375	Decision Support Systems		3
MIS 496	Senior Project Management Technical elective*		4 3
Total			13

Senior Year		Winter	
ANTH 452	Globalization		4
or			
PSCI 326	World Politics in Transition		3
MIS 497	Senior Project II Humanities elective Lab Science elective Technical elective*		3 3 4 3
Total			16

Senior Year		Spring	
BUS 478	Cases in Strategy and Policy		3
MIS 498	Senior Project III		3
PSY 347	Organizational Behavior Humanities elective Math/Science/Social Science elective		3 3 3
Total			15

* Any MIS or CST class approved by your advisor which is not required in your program excepting CST 101 and CST 102. Alternatively, ACC 405 or any appropriate GIS course approved by your advisor.