

INFORMATION SYSTEMS - BACHELOR OF BUSINESS ADMINISTRATION

A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1220G College Algebra and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

First Year

Fall		Credits
MATH 1220G	College Algebra (C- or better) ¹	3
BUSA 1110	Intro to Business (C- or better)	3
Choose one from the following:		4
ENGL 1110G	Composition I (C- or better) ¹	
ENGL 1110H	Composition I Honors (C- or better) ¹	
ENGL 1110M	Composition I (for multicultural/international students only and a C- or better) ¹	
Area V: Humanities Course ²		3
Elective Course ³		3
Credits		16

Spring

MATH 1430G	Applications of Calculus I ¹	3
BCIS 1110	Introduction to Information Systems (C- or better)	3
Choose one from the following:		3
ACOM 1130G	Effective Leadership and Communication in Agriculture (C- or better)	
COMM 1115G	Introduction to Communication (C- or better)	
COMM 1130G	Public Speaking (C- or better)	
HNRS 2175G	Introduction to Communication Honors (C- or better)	
Area III: Laboratory Science Course ²		4
Area VI: Creative and Fine Arts Course ²		3
Credits		16

Second Year

Fall		Credits
Choose one from the following:		3
MATH 1350G	Introduction to Statistics (C- or better) ¹	
A ST 311	Statistical Applications (C- or better) ¹	
ECON 2110G	Macroeconomic Principles (counts towards Area IV Gen.Ed and a C- or better) ¹	3
ACCT 2110	Principles of Accounting I (C- or better)	3
ENGL 2210G	Professional and Technical Communication Honors (counts towards Area I Gen.Ed, and a C- or better) ¹	3
Elective Course ³		4
Credits		16

Spring

Elective Course ³		3
ECON 2120G	Principles of Microeconomics (counts towards Area IV Gen.Ed, and a C- or better) ¹	3

ACCT 2120	Principles of Accounting II (C- or better) ¹	3
VWW - Viewing a Wider World Course ⁴		3
BCIS 321	Introduction to Software Development and Programming	3

Credits 15

Third Year

Fall

BCIS 338	Business Information Systems I ¹	3
BCIS 350	Information Systems Analysis and Design ¹	3
MKTG 303	Principles of Marketing	3
MGMT 309	Human Behavior in Organizations	3
Information Systems Elective Course ^{1,5}		3

Credits 15

Spring

BCIS 475	Database Management Systems ¹	3
Information Systems Elective Course ^{1,5}		3
BLAW 316	Legal Environment of Business	3
BFIN 341	Financial Analysis and Markets ¹	3
VWW - Viewing a Wider World Course ⁴		3

Credits 15

Fourth Year

Fall

BCIS 461	Business Analytics I	3
Information Systems Elective Course ^{1,5}		3
Choose one from the following:		3
BCIS 485	Enterprise Resource Planning ¹	
MGMT 344	Production and Operations Management ¹	
MGMT 470	Project Management in Organizations ¹	
ECON or A ST Upper-Division Elective Course (excluding A ST 311)		3
Elective Course ³		3

Credits 15

Spring

Information Systems Elective Course ^{1,5}		3
Elective Course ³		3
MGMT 449	Strategic Management ¹	3
Any Business Upper-Division Elective Course (excluding A ST 311)		3

Credits 12

Total Credits 120

¹ These courses have prerequisites and it is the student's responsibility for checking and fulfilling all course prerequisites listed for these courses

² See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.

³ Elective credit may vary based on prerequisites, dual credit, AP credit, double majors, and/or minor coursework. The amount indicated in the requirements list is the amount needed to bring the total to 120 credits and may appear in variable form based on the degree. However students may end up needing to complete more or less on a case-by-case basis and students should discuss elective requirements with their advisor.

⁴ See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses.

⁵ Information Systems Elective Courses:

2 Information Systems - Bachelor of Business Administration

- BCIS 466 Business Analytics II, BCIS 480 Introduction to Cybersecurity: Exploring Computer, Network, and Data Security Principles, BCIS 490 Selected Topics
- ICT 339 Introduction to Digital Forensics and Incident Response, ICT 377 Computer Networking I, ICT 477 Computer Networking II