

# 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) <sup>1</sup>   | 3         |
| BUSA 1110                              | Intro to Business (C- or better)  | 3         |
| Choose one from the following:         |   | 4         |
| ENGL 1110G                             | Composition I (C- or better) <sup>1</sup>   |           |
| ENGL 1110H                             | Composition I (C- or better) <sup>1</sup>   |           |
| ENGL 1110M                             | Composition I (for multicultural/international students only and a C- or better) <sup>1</sup> |           |
| Area V: Humanities Course <sup>2</sup> |   | 3         |
| Elective Course <sup>3</sup>           |   | 3         |
| <b>Credits</b>                         |   | <b>16</b> |

### Spring

|   |  |           |
|---|--|-----------|
| MATH 1430G  | Applications of Calculus I <sup>1</sup>                              | 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 <sup>2</sup>    |  | 4         |
| Area VI: Creative and Fine Arts Course <sup>2</sup> |  | 3         |
| <b>Credits</b>                                      |  | <b>16</b> |

### Second Year

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

### Spring

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

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

**Credits** 15

### Third Year

#### Fall

|  |  |   |
|--|--|---|
| BCIS 338   | Business Information Systems I <sup>1</sup>          | 3 |
| BCIS 350   | Information Systems Analysis and Design <sup>1</sup> | 3 |
| MKTG 303   | Principles of Marketing                              | 3 |
| MGMT 309   | Human Behavior in Organizations                      | 3 |
| Information Systems Elective Course <sup>1,5</sup> |  | 3 |

**Credits** 15

#### Spring

|  |   |   |
|--|---|---|
| BCIS 475   | Database Management Systems <sup>1</sup>    | 3 |
| Information Systems Elective Course <sup>1,5</sup> |   | 3 |
| BLAW 316   | Legal Environment of Business               | 3 |
| BFIN 341   | Financial Analysis and Markets <sup>1</sup> | 3 |
| VWW - Viewing a Wider World Course <sup>4</sup>    |   | 3 |

**Credits** 15

### Fourth Year

#### Fall

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

**Credits** 15

#### Spring

|  |                                   |   |
|--|-----------------------------------|---|
| Information Systems Elective Course <sup>1,5</sup>               |                                   | 3 |
| Elective Course <sup>3</sup>                                     |                                   | 3 |
| MGMT 449   | Strategic Management <sup>1</sup> | 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 (<http://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 (<http://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses.

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Information Systems Elective Courses:

- BCIS 466 Business Analytics II, BCIS 480 E-Commerce Security, BCIS 490 Selected Topics
- ICT 339 Introduction to Digital Forensics and Incident Response, ICT 377 Computer Networking I, ICT 477 Computer Networking II