

# Bachelor of Science in Business

## Administration

# Information Systems and Technology with a Major in Business Analytics and Intelligence (BSBA)

## Degree Program Guide

The Degree Program Guide is a suggested curriculum to complete this degree program in four years. It is just one of several plans that will work and is presented only as broad guidance to students. Each student is strongly encouraged to develop a customized plan in consultation with their academic advisor. Additional information can also be found in Degree Works.

| Course   | Title  | Credit Hours |
|--|--|--------------|
| <b>Freshman</b>  |  |              |
| <b>Fall</b>  |  |              |
| ENGL 110C  | English Composition (Grade of C or better required)  | 3            |
| MATH 162M  | Precalculus I (Grade of C or better required)  | 3            |
| Language and Culture I (May be waived; see requirement details)  |  | 0-3          |
| Nature of Science I  |  | 4            |
| BUSN 110   | Introduction to Contemporary Business (Grade of C or better required)  | 1            |
| Literature   |  | 3            |
| <b>Credit Hours</b>  |  | <b>14-17</b> |
| <b>Spring</b>  |  |              |
| ENGL 211C or ENGL 231C   | Writing, Rhetoric, and Research (Grade of C or better required) or Writing, Rhetoric, and Research: Special Topics | 3            |
| MATH 200   | Calculus for Business and Economics  | 3            |
| Language and Culture II (May be waived; see requirement details) |  | 0-3          |
| Nature of Science II   |  | 4            |
| Interpreting the Past  |  | 3            |
| <b>Credit Hours</b>  |  | <b>13-16</b> |
| <b>Sophomore</b>   |  |              |
| <b>Fall</b>  |  |              |
| Human Creativity   |  | 3            |
| Oral Communication: COMM 101R or MKTG 200R required              |  | 3            |
| ACCT 201   | Principles of Financial Accounting (Grade of C or better required)   | 3            |
| ECON 202S  | Principles of Microeconomics (Grade of C or better required)   | 3            |
| BNAL 206   | Business Analytics I   | 3            |
| <b>Credit Hours</b>  |  | <b>15</b>    |

|                                   |   |           |
|-----------------------------------|---|-----------|
| <b>Spring</b>                     |   |           |
| Information Literacy and Research |   | 3         |
| ACCT 202                          | Principles of Managerial Accounting                   | 3         |
| ECON 201S                         | Principles of Macroeconomics                          | 3         |
| MGMT 325                          | Contemporary Organizations and Management             | 3         |
| BNAL 306                          | Business Analytics II (Grade of C or better required) | 3         |
| <b>Credit Hours</b>               |   | <b>15</b> |

|                                |                                   |           |
|--------------------------------|-----------------------------------|-----------|
| <b>Junior</b>                  |                                   |           |
| <b>Fall</b>                    |                                   |           |
| Select one of the following:   |                                   | 3         |
| PHIL 230E                      | Introduction to Ethics            |           |
| PHIL 303E                      | Business Ethics                   |           |
| PHIL 344E                      | Environmental Ethics              |           |
| PHIL 345E                      | Bioethics                         |           |
| PHIL 355E                      | Cybersecurity Ethics              |           |
| PHIL/DASC 357E                 | Ethics and Data                   |           |
| PHIL 442E                      | Studies in Applied Ethics         |           |
| FIN 323                        | Introductory Financial Management | 3         |
| MKTG 311                       | Marketing Principles and Problems | 3         |
| ECON 301                       | Managerial Economics              | 3         |
| Major Elective from Category I |                                   | 3         |
| <b>Credit Hours</b>            |                                   | <b>15</b> |

|                     |  |           |
|---------------------|--|-----------|
| <b>Spring</b>       |  |           |
| OPMT 303            | Operations Management (Grade of C or better required as prerequisite for BNAL 476) | 3         |
| FIN 331             | Legal Environment of Business  | 3         |
| BNAL 407            | Prescriptive Analytics of Management Science                                       | 3         |
| BNAL 415            | Advanced Business Analytics/Big Data Applications                                  | 3         |
| Major Course        |  | 3         |
| Major Course        |  | 3         |
| <b>Credit Hours</b> |  | <b>18</b> |

|                                  |  |           |
|----------------------------------|--|-----------|
| <b>Senior</b>                    |  |           |
| <b>Fall</b>                      |  |           |
| MGMT 485W                        | Business Policy and Strategy (Grade of C or better required) | 3         |
| Major Elective from Category I   |  | 3         |
| Major Course                     |  | 3         |
| Major Course                     |  | 3         |
| Upper-Division General Education |  | 3         |
| <b>Credit Hours</b>              |  | <b>15</b> |

|                                 |   |   |
|---------------------------------|---|---|
| <b>Spring</b>                   |   |   |
| BNAL 476                        | Simulation Modeling and Analysis for Business Systems | 3 |
| Major Elective from Category II |   | 3 |
| Major Course                    |   | 3 |
| Major Course                    |   | 3 |

|                                  |                |
|----------------------------------|----------------|
| Upper-Division General Education | 3              |
| <b>Credit Hours</b>              | <b>15</b>      |
| <b>Total Credit Hours</b>        | <b>120-126</b> |