

# BS in Information Systems

Milligan University

Catalog Year  
2021-22

This document is designed as a guide for students planning their course selection and is only a suggested schedule. Actual course selections should be made with the advice and consent of the academic advisor. While accurately portraying the information contained in the College Catalog, this form is not considered a legal substitute for that document. Students should become familiar with the Catalog in effect at the time in which they enter Milligan.

| FALL SEMESTER 1 |                                   |             |
|-----------------|-----------------------------------|-------------|
| COURSE          | TITLE                             | CREDITS     |
| BIBL 123        | Old Testament Survey              | 3           |
| HUMN 101        | Ancient & Medieval Cultures       | 4           |
| MLGN 100        | Intro to College & Service        | 0.5         |
| CS 211          | Programming Logic                 | 3           |
| IS 185          | Principles of Information Systems | 3           |
| IS 201          | Hardware/Software Fundamentals    | 3           |
|                 | <b>TOTAL CREDITS</b>              | <b>16.5</b> |

| SPRING SEMESTER 1 |                                |           |
|-------------------|--------------------------------|-----------|
| COURSE            | TITLE                          | CREDITS   |
| BIBL 124          | New Testament Survey           | 3         |
| HUMN 102          | Renaissance & Early Modern     | 4         |
| COMP 111          | Rhetorical Composition         | 3         |
| IS 297            | Object Oriented Programming-C# | 3         |
| EXSC 101          | Fitness For Life               | 1         |
|                   | General elective               | 3         |
|                   | <b>TOTAL CREDITS</b>           | <b>17</b> |

| FALL SEMESTER 2 |                                       |           |
|-----------------|---------------------------------------|-----------|
| COURSE          | TITLE                                 | CREDITS   |
| HUMN 201        | 18th & 19th Cty. Culture              | 4         |
| IS 230          | Information Assurance <sup>1</sup> OR | 3         |
|                 | General elective <sup>2</sup>         |           |
|                 | General science                       | 2         |
| COMP 211        | Found. Analytical Comp.               | 3         |
| CS 297          | Object Oriented Programming - Java    | 3         |
|                 |                                       |           |
|                 |                                       |           |
|                 | <b>TOTAL CREDITS</b>                  | <b>15</b> |

| SPRING SEMESTER 2 |                                      |             |
|-------------------|--------------------------------------|-------------|
| COURSE            | TITLE                                | CREDITS     |
| HUMN 202          | Cultures of 20th & 21st Cty Cultures | 4           |
| MLGN 200          | Intro to Calling & Career            | 0.5         |
| COMM 102          | Speech Communications OR             | 3           |
| IS/CS             | Info Systems concentration course    |             |
| MATH 213          | Statistics OR                        | 3           |
| MATH 302          | Discrete Mathematics <sup>2</sup>    |             |
|                   | General elective                     | 3           |
|                   | General elective                     | 3           |
|                   | <b>TOTAL CREDITS</b>                 | <b>16.5</b> |

| FALL SEMESTER 3 |   |           |
|-----------------|---|-----------|
| COURSE          | TITLE   | CREDITS   |
|                 | General elective                                  | 3         |
| IS 305          | Database Management <sup>1</sup> OR               | 3         |
| IS 341          | Systems Analysis & Design <sup>2</sup>            |           |
| IS 310          | Enterprise Resource Planning <sup>1</sup> OR      | 3         |
| IS 332          | Ethics in Info Tech <sup>2</sup>                  |           |
|                 | Info Systems concentration course <sup>2</sup> OR | 3         |
|                 | General elective <sup>1</sup>                     | 3         |
|                 | General elective                                  | 2         |
|                 | <b>TOTAL CREDITS</b>                              | <b>17</b> |

| SPRING SEMESTER 3 |   |           |
|-------------------|---|-----------|
| COURSE            | TITLE   | CREDITS   |
| IS 420            | Data Communication & Networking                   | 3         |
|                   | Ethnic studies course GER                         | 3         |
| IS/CS             | Info Systems concentration course <sup>2</sup> OR | 3         |
|                   | General elective <sup>1</sup>                     |           |
| MATH 213          | Statistics OR                                     | 3         |
| MATH 302          | Discrete Mathematics <sup>2</sup>                 |           |
|                   | Lab science                                       | 4         |
|                   |   |           |
|                   | <b>TOTAL CREDITS</b>                              | <b>16</b> |

| FALL SEMESTER 4 |   |           |
|-----------------|---|-----------|
| COURSE          | TITLE   | CREDITS   |
| IS 305          | Database Management <sup>1</sup> OR               | 3         |
| IS 341          | Systems Analysis & Design <sup>2</sup>            |           |
| IS 310          | Enterprise Resource Planning <sup>1</sup> OR      | 3         |
| IS 332          | Ethics in Info Tech <sup>2</sup>                  |           |
|                 | Info Systems concentration course <sup>1</sup> OR | 3         |
|                 | General elective                                  |           |
|                 | General elective                                  | 3         |
|                 | General elective                                  | 3         |
|                 | <b>TOTAL CREDITS</b>                              | <b>15</b> |

| SPRING SEMESTER 4                  |   |            |
|------------------------------------|---|------------|
| COURSE                             | TITLE   | CREDITS    |
| IS 450                             | Info Systems Design Capstone                      | 3          |
| BIBL 471                           | Christ and Culture                                | 3          |
| IS/CS                              | Info Systems concentration course <sup>2</sup> OR | 3          |
|                                    | General elective <sup>1</sup>                     |            |
|                                    | Social Learning course GER                        | 3          |
|                                    | General elective                                  | 3          |
|                                    |   |            |
|                                    | <b>TOTAL CREDITS</b>                              | <b>15</b>  |
| <b>MINIMUM 128 NEEDED FOR GRAD</b> |   | <b>128</b> |

GER = General Education Requirements

<sup>1</sup> Offered odd years

<sup>2</sup> Offered even years