

Catalog Year  
2024-2025

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 University 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     |
| BIOL 111        | Principles of Biology I     | 4           |
| CHEM 171        | General Chemistry I         | 4           |
| HUMN 101        | Ancient & Medieval Cultures | 4           |
|                 | Social Learning Course      | 3           |
| GNSC 100        | Intro to College & Service  | 0.5         |
|                 |                             |             |
|                 | <b>TOTAL CREDITS</b>        | <b>15.5</b> |

| SPRING SEMESTER 1 |                                  |           |
|-------------------|----------------------------------|-----------|
| COURSE            | TITLE                            | CREDITS   |
| BIOL 112          | Principles of Biology II         | 4         |
| CHEM 171          | General Chemistry II             | 4         |
| HUMN 102          | Renaissance & Early Modern Cult. | 4         |
| COMP 111          | Rhetorical Composition           | 3         |
| EXSC 101          | Lifetime Wellness                | 1         |
|                   |                                  |           |
|                   | <b>TOTAL CREDITS</b>             | <b>16</b> |

| FALL SEMESTER 2 |                                  |           |
|-----------------|----------------------------------|-----------|
| COURSE          | TITLE                            | CREDITS   |
| CHEM 201        | Organic Chemistry I              | 4         |
| HUMN 201        | 18th & 19th Century Cultures     | 4         |
| COMP 211        | Found. of Analytical Composition | 3         |
|                 | Foreign Language                 | 3         |
|                 | General Electives                | 3         |
|                 |                                  |           |
|                 | <b>TOTAL CREDITS</b>             | <b>17</b> |

| SPRING SEMESTER 2 |                                   |             |
|-------------------|-----------------------------------|-------------|
| COURSE            | TITLE                             | CREDITS     |
| CHEM 202          | Organic Chemistry II              | 4           |
| HUMN 202          | Cultures of 20th & 21st Centuries | 4           |
| COMM              | Communications course             | 3           |
|                   | Foreign Language                  | 3           |
| MLGN 200          | Intro to Calling & Career         | 0.5         |
|                   |                                   |             |
|                   | <b>TOTAL CREDITS</b>              | <b>14.5</b> |

| FALL SEMESTER 3 |                                |           |
|-----------------|--------------------------------|-----------|
| COURSE          | TITLE                          | CREDITS   |
| BIOL 310        | Genetics                       | 4         |
| BIOL            | Biology Elective (or CHEM 410) | 4         |
| MATH 211 or 213 | Statistics <sup>1</sup>        | 3         |
|                 | Foreign Language               | 3         |
|                 | Social Learning Course         | 3         |
|                 |                                |           |
|                 | <b>TOTAL CREDITS</b>           | <b>17</b> |

| SPRING SEMESTER 3 |                      |           |
|-------------------|----------------------|-----------|
| COURSE            | TITLE                | CREDITS   |
| BIOL 352          | Cell Biology         | 3         |
| BIOL              | Biology Elective     | 4         |
| BIBL 124          | New Testament Survey | 3         |
|                   | Foreign Language     | 3         |
|                   | General Electives    | 3         |
|                   |                      |           |
|                   | <b>TOTAL CREDITS</b> | <b>16</b> |

| FALL SEMESTER 4 |                                |           |
|-----------------|--------------------------------|-----------|
| COURSE          | TITLE                          | CREDITS   |
| BIOL 360        | Ecology                        | 4         |
| BIOL 494        | Capstone Seminar               | 3         |
|                 | General Electives <sup>2</sup> | 9         |
|                 |                                |           |
|                 | <b>TOTAL CREDITS</b>           | <b>16</b> |

| SPRING SEMESTER 4                  |                      |            |
|------------------------------------|----------------------|------------|
| COURSE                             | TITLE                | CREDITS    |
| BIOL                               | Biology Elective     | 4          |
| BIBL 471                           | Christ and Culture   | 3          |
|                                    | General Electives    | 9          |
|                                    |                      |            |
|                                    | <b>TOTAL CREDITS</b> | <b>16</b>  |
| <b>MINIMUM 128 NEEDED FOR GRAD</b> |                      | <b>128</b> |

<sup>1</sup> MATH 211 is required to take physics at Milligan; if don't choose, then MATH 213 statistics is recommended

<sup>2</sup> Milligan students will take an ethnic studies course before graduation, see advisor or catalog for details.

NOTE: BIOLOGY Majors must take a minimum of 50 biology and chemistry course credits

*Depending upon a student's post-bacc plans, other courses may be required for admission to graduate programs, so consult with your adviser.*

**Biology Electives:**

- BIOL 362 Vertebrate Biology (spring – on demand)
- BIOL 371 Advanced Anatomy (fall even years)
- BIOL 372 Advanced Physiology (spring even years)
- BIOL 385 Human Health and Disease (fall odd years)
- BIOL 380 Microbiology & Immunology (spring even years)
- BIOL 450 Molecular Biology (spring odd years)
- CHEM 410 Biochemistry I (fall)