

Catalog Year  
2022-2023

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           |
| HUMN 101        | Ancient & Medieval Cultures | 4           |
| BIBL 123        | Old Testament Survey        | 3           |
| MLGN 100        | Intro to College & Service  | 0.5         |
|                 | Social Learning Course      | 3           |
|                 |                             |             |
|                 | <b>TOTAL CREDITS</b>        | <b>14.5</b> |

| SPRING SEMESTER 1 |                                  |           |
|-------------------|----------------------------------|-----------|
| COURSE            | TITLE                            | CREDITS   |
| BIOL 112          | Principles of Biology II         | 4         |
| HUMN 102          | Renaissance & Early Modern Cult. | 4         |
| BIBL 124          | New Testament Survey             | 3         |
| COMP 111          | Rhetorical Composition           | 3         |
| EXSC 101          | Fitness for Life                 | 1         |
|                   |                                  |           |
|                   | <b>TOTAL CREDITS</b>             | <b>15</b> |

| FALL SEMESTER 2 |   |           |
|-----------------|---|-----------|
| COURSE          | TITLE   | CREDITS   |
| HUMN 201        | 18th & 19th Century Cultures                    | 4         |
| COMP 211        | Found. of Analytical Composition                | 3         |
| BIOL 130 or 360 | Plants & Society <b>or</b> Ecology <sup>1</sup> | 4         |
| CHEM 170        | General Chemistry I                             | 4         |
|                 |   |           |
|                 | <b>TOTAL CREDITS</b>                            | <b>15</b> |

| SPRING SEMESTER 2 |                                       |             |
|-------------------|---------------------------------------|-------------|
| COURSE            | TITLE                                 | CREDITS     |
| HUMN 202          | Cultures of 20th & 21st Centuries     | 4           |
| MLGN 200          | Intro to Calling & Career             | 0.5         |
| BIOL              | Biology Elective                      | 4           |
| CHEM 151 or 171   | Org & Biol Chem or Gen Chem II        | 4           |
| COMM 102/103      | Speech or Public Speaking (3 or 2 cr) | 3           |
|                   |                                       |             |
|                   | <b>TOTAL CREDITS</b>                  | <b>15.5</b> |

| FALL SEMESTER 3 |   |           |
|-----------------|---|-----------|
| COURSE          | TITLE   | CREDITS   |
| BIOL 310        | Genetics                                      | 4         |
| MATH 211 or 213 | Calculus I or Statistics (3 hrs) <sup>3</sup> | 4         |
|                 | General Electives                             | 9         |
|                 |   |           |
|                 | <b>TOTAL CREDITS</b>                          | <b>17</b> |

| SPRING SEMESTER 3 |                       |           |
|-------------------|-----------------------|-----------|
| COURSE            | TITLE                 | CREDITS   |
| BIOL              | Biology Elective      | 4         |
|                   | Ethnic Studies Course | 3         |
|                   | General Electives     | 10        |
|                   |                       |           |
|                   | <b>TOTAL CREDITS</b>  | <b>17</b> |

| FALL SEMESTER 4 |                               |           |
|-----------------|-------------------------------|-----------|
| COURSE          | TITLE                         | CREDITS   |
| BIOL            | BIOL Elective                 | 4         |
| BIOL 494        | Capstone Seminar <sup>2</sup> | 2         |
| BIOL            | BIOL Elective                 | 2         |
|                 | General Electives             | 9         |
|                 | <b>TOTAL CREDITS</b>          | <b>17</b> |

| SPRING SEMESTER 4                  |                             |            |
|------------------------------------|-----------------------------|------------|
| COURSE                             | TITLE                       | CREDITS    |
| BIOL                               | Advanced (432, 450, or 452) | 4          |
| BIBL 471                           | Christ and Culture          | 3          |
|                                    | General Electives           | 10         |
|                                    |                             |            |
|                                    | <b>TOTAL CREDITS</b>        | <b>17</b>  |
| <b>MINIMUM 128 NEEDED FOR GRAD</b> |                             | <b>128</b> |

<sup>1</sup> Could also choose BIOL 210 or 131 in spring in place of either BIOL 130 or 360 and take a biology elective in the fall

<sup>2</sup> Could choose BIOL 499 (2 hrs) **or** REU/Internship and BIOL 499C (1 hr)

<sup>3</sup> MATH 211 (fall) or MATH 171 (spring) is required to take physics; if don't choose, then MATH 213 statistics is recommended

NOTE: BIOLOGY Majors must take a total of 32 biology course credits

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

**FALL Biology Electives:**

BIOL 250 Anatomy & Physiology I  
BIOL 360 Ecology  
BIOL 430 Advanced Anatomy  
BIOL 431 Musculoskeletal Anatomy

Offered as Needed: BIOL 341 and BIOL 342

**SPRING Biology Electives:**

BIOL 210 Flora & Fauna of Southern Appalachia  
BIOL 251 Anatomy & Physiology II  
BIOL 362 Vertebrate Field Biology  
BIOL 380 Microbiology & Immunology  
BIOL 430 Advanced Anatomy  
BIOL 432 Neuroanatomy  
BIOL 450 Molecular Biology (odd years)