

## Typical Plan—Biology (B.A.)

### Freshman Year

| <u>Fall Semester</u>       | <u>Credits</u> | <u>Spring Semester</u>       | <u>Credits</u> |
|----------------------------|----------------|------------------------------|----------------|
| MATH 150 or MATH 151       | 4              | THEO 105 Sacred Scripture    | 4              |
| BIOL 211 Biology I         | 4              | BIOL 212 Biology II          | 4              |
| COMP 101 Composition       | 4              | General Elective             | 4              |
| LATN 101 Elementary Latin* | 4              | LATN 102 Intermediate Latin* | 4              |
| Total                      | 16             | Total                        | 16             |

### Sophomore Year

| <u>Fall Semester</u>               | <u>Credits</u> | <u>Spring Semester</u>              | <u>Credits</u> |
|------------------------------------|----------------|-------------------------------------|----------------|
| CHEM 125 General Chemistry I       | 4              | CHEM 126 General Chemistry II       | 4              |
| BIOL 230 Botany                    | 4              | BIOL 220 Zoology                    | 4              |
| CORE 101 Western Civ and Culture I | 4              | CORE 102 Western Civ and Culture II | 4              |
| THEO 205 Sacred Doctrine           | 4              | POLT 203 American Civilization      | 4              |
| Total                              | 16             | Total                               | 16             |

### Junior Year

| <u>Fall Semester</u>       | <u>Credits</u> | <u>Spring Semester</u> | <u>Credits</u> |
|----------------------------|----------------|------------------------|----------------|
| Biology Elective           | 4              | Biology Elective       | 4              |
| BIOL 303 Genetics          | 4              | Biology Elective       | 4              |
| PHIL 205 Nature and Person | 4              | PHIL 206 Ethics        | 4              |
| General Elective           | 4              | General Elective       | 4              |
| Total                      | 16             | Total                  | 16             |

### Senior Year

| <u>Fall Semester</u>      | <u>Credits</u> | <u>Spring Semester</u> | <u>Credits</u> |
|---------------------------|----------------|------------------------|----------------|
| THEO 400 Living in Christ | 4              | BIOL 413 or BIOL 497   | 1              |
| Biology Elective          | 4              | General Elective       | 4              |
| General Elective          | 4              | General Elective       | 4              |
| General Elective          | 4              | General Elective       | 4              |
|                           |                | General Elective       | 3              |
| Total                     | 16             | Total                  | 16             |

\*Latin is recommended, but not required, for the Biology major.

## Typical Plan—Biology (B.S.)

### Freshman Year

| <u>Fall Semester</u>       | <u>Credits</u> | <u>Spring Semester</u>       | <u>Credits</u> |
|----------------------------|----------------|------------------------------|----------------|
| MATH 150 or MATH 151       | 4              | THEO 105 Sacred Scripture    | 4              |
| BIOL 211 Biology I         | 4              | BIOL 212 Biology II          | 4              |
| COMP 101 Composition       | 4              | General Elective             | 4              |
| LATN 101 Elementary Latin* | 4              | LATN 102 Intermediate Latin* | 4              |
| Total                      | 16             | Total                        | 16             |

### Sophomore Year

| <u>Fall Semester</u>               | <u>Credits</u> | <u>Spring Semester</u>              | <u>Credits</u> |
|------------------------------------|----------------|-------------------------------------|----------------|
| CHEM 125 General Chemistry I       | 4              | CHEM 126 General Chemistry II       | 4              |
| BIOL 230 Botany                    | 4              | BIOL 220 Zoology                    | 4              |
| CORE 101 Western Civ and Culture I | 4              | CORE 102 Western Civ and Culture II | 4              |
| THEO 205 Sacred Doctrine           | 4              | POLT 203 American Civilization      | 4              |
| Total                              | 16             | Total                               | 16             |

### Junior Year

| <u>Fall Semester</u>         | <u>Credits</u> | <u>Spring Semester</u> | <u>Credits</u> |
|------------------------------|----------------|------------------------|----------------|
| BIOL 303 Genetics            | 4              | BIOL 401 Microbiology  | 4              |
| PHYS 211 or PHYS 221         | 4              | BIOL 305 or BIOL 410†  | 4              |
| PHIL 205 Nature and Person   | 4              | PHIL 206 Ethics        | 4              |
| CHEM 221 Organic Chemistry I | 4              | Biology Elective       | 4              |
| Total                        | 16             | Total                  | 16             |

### Senior Year

| <u>Fall Semester</u>      | <u>Credits</u> | <u>Spring Semester</u> | <u>Credits</u> |
|---------------------------|----------------|------------------------|----------------|
| Biology Elective          | 4              | Biology Elective       | 4              |
| THEO 400 Living in Christ | 4              | BIOL 413 or BIOL 497   | 1              |
| General Elective          | 4              | General Elective       | 4              |
| General Elective          | 4              | General Elective       | 4              |
|                           |                | General Elective       | 3              |
| Total                     | 16             | Total                  | 16             |

\*Latin is recommended, but not required, for the Biology Major.

†Students taking BIOL 410 (3 credits) will need to take an additional credit to earn 16 credits.

## Sample Pre-Medicine Plan—Biology (B.S.)

### Freshman Year

| <u>Fall Semester</u>       | <u>Credits</u> | <u>Spring Semester</u>            | <u>Credits</u> |
|----------------------------|----------------|-----------------------------------|----------------|
| BIOL 211 Biology I         | 4              | BIOL 212 Biology II               | 4              |
| MATH 151 Calculus I        | 4              | BIOL 304 Anatomy and Physiology I | 4              |
| COMP 101 Composition       | 4              | THEO 105 Sacred Scripture         | 4              |
| LATN 101 Elementary Latin* | 4              | LATN 102 Intermediate Latin*      | 4              |
| Total                      | 16             | Total                             | 16             |

### Sophomore Year

| <u>Fall Semester</u>               | <u>Credits</u> | <u>Spring Semester</u>         | <u>Credits</u> |
|------------------------------------|----------------|--------------------------------|----------------|
| CHEM 125 General Chemistry I       | 4              | CHEM 126 General Chemistry II  | 4              |
| BIOL 230 Botany                    | 4              | BIOL 220 Zoology               | 4              |
| BIOL 309 Anatomy and Physiology II | 4              | BIOL 305 Molecular Biology     | 4              |
| THEO 205 Sacred Doctrine           | 4              | POLT 203 American Civilization | 4              |
| Total                              | 16             | Total                          | 16             |

### Junior Year

| <u>Fall Semester</u>               | <u>Credits</u> | <u>Spring Semester</u>               | <u>Credits</u> |
|------------------------------------|----------------|--------------------------------------|----------------|
| BIOL 303 Genetics                  | 4              | CHEM 301 Introductory Biochemistry I | 4              |
| PHYS 211 or PHYS 221               | 4              | PHYS 212 or PHYS 222                 | 4              |
| CHEM 221 Organic Chemistry I       | 4              | CHEM 222 Organic Chemistry II        | 4              |
| CORE 101 Western Civ and Culture I | 4              | CORE 102 Western Civ and Culture II  | 4              |
| Total                              | 16             | Total                                | 16             |

### Senior Year

| <u>Fall Semester</u>        | <u>Credits</u> | <u>Spring Semester</u>            | <u>Credits</u> |
|-----------------------------|----------------|-----------------------------------|----------------|
| THEO 390 or THEO 400        | 4              | BIOL 401 Microbiology             | 4              |
| PHIL 205 Nature and Person  | 4              | BIOL 413 or BIOL 497 <sup>#</sup> | 1              |
| STAT 230 Applied Statistics | 4              | General Elective                  | 4              |
| Biology Elective            | 4              | PHIL 206 Ethics                   | 4              |
|                             |                | PSYC 201 Principles Methods Psych | 4              |
| Total                       | 16             | Total                             | 17             |

\*Latin is recommended, but not required. Some Medical School programs require Spanish.

<sup>#</sup>Research is recommended for Pre-Medicine Students.