

**FRESHMAN**

| Freshman Fall (16 hrs.)         |                                            |   | Cr. | Semester/Grade/Course ID | Freshman Spring (16 hrs.)       |                                             |   | Cr. | Semester/Grade/Course ID |
|---------------------------------|--------------------------------------------|---|-----|--------------------------|---------------------------------|---------------------------------------------|---|-----|--------------------------|
| <b>Common Core Requirements</b> |                                            |   |     |                          | <b>Common Core Requirements</b> |                                             |   |     |                          |
| BIBL 1013                       | Introduction to Christian Scripture        | 3 |     |                          | BIBL 1023                       | Christian Theology & Ethics                 | 3 |     |                          |
| ENGL 1153                       | English Composition: Exposition & Argument | 3 |     |                          | ENGL 1163                       | English: Composition & Classical Literature | 3 |     |                          |
| CHEM 1105                       | General Chemistry I                        | 5 |     |                          | PHED 1001                       | The Wellness Lifestyle                      | 1 |     |                          |
| MATH 2204                       | Calculus I                                 | 4 |     |                          | <b>Major Requirements</b>       |                                             |   |     |                          |
| <b>Major Requirements</b>       |                                            |   |     |                          | CHEM 1115                       | General Chemistry II                        | 5 |     |                          |
| GNSC 1201                       | Cornerstone of Science                     | 1 |     |                          | MATH 2214                       | Calculus II                                 | 4 |     |                          |
|                                 |                                            |   |     |                          |                                 |                                             |   |     |                          |

**SOPHOMORE**

| Sophomore Fall (14 hrs.)        |                                   |   | Cr. | Semester/Grade/Course ID | Sophomore Spring (15 hrs.)      |                          |   | Cr. | Semester/Grade/Course ID |
|---------------------------------|-----------------------------------|---|-----|--------------------------|---------------------------------|--------------------------|---|-----|--------------------------|
| <b>Common Core Requirements</b> |                                   |   |     |                          | <b>Common Core Requirements</b> |                          |   |     |                          |
| ENGL 2013                       | European Civilization: Literature | 3 |     |                          | ENGL 2023                       | Modern West: Literature  | 3 |     |                          |
| HIST 2013                       | European Civilization: History    | 3 |     |                          | HIST 2023                       | Modern West: History     | 3 |     |                          |
| <b>Major Requirements</b>       |                                   |   |     |                          | <b>Major Requirements</b>       |                          |   |     |                          |
| CHEM 2303                       | Analytical Chemistry I            | 3 |     |                          | CHEM 3034                       | Analytical Chemistry II  | 4 |     |                          |
| GNSC 1001                       | Computing for Science I           | 1 |     |                          | GNSC 3301                       | Computing for Science II | 1 |     |                          |
| PHYS 2514                       | University Physics I              | 4 |     |                          | PHYS 2524                       | University Physics II    | 4 |     |                          |
|                                 |                                   |   |     |                          |                                 |                          |   |     |                          |

**JUNIOR**

| Junior Fall (14 hrs.)               |                             |   | Cr. | Semester/Grade/Course ID | Junior Spring (14 hrs.)             |                                     |   | Cr. | Semester/Grade/Course ID |
|-------------------------------------|-----------------------------|---|-----|--------------------------|-------------------------------------|-------------------------------------|---|-----|--------------------------|
| <b>Common Core Requirements</b>     |                             |   |     |                          | <b>Supportive Core Requirements</b> |                                     |   |     |                          |
|                                     | Philosophy/Fine Arts Option | 3 |     |                          |                                     | Supportive Core Option              | 3 |     |                          |
| <b>Supportive Core Requirements</b> |                             |   |     |                          | <b>Major Requirements</b>           |                                     |   |     |                          |
|                                     | Supportive Core Option      | 3 |     |                          | CHEM 3114                           | Organic Chemistry II                | 4 |     |                          |
| <b>Major Requirements</b>           |                             |   |     |                          | CHEM 3703                           | Applied Math. in Advanced Chemistry | 3 |     |                          |
| CHEM 3104                           | Organic Chemistry I         | 4 |     |                          |                                     | Biochemistry Option                 | 4 |     |                          |
|                                     | Biochemistry Option         | 4 |     |                          |                                     |                                     |   |     |                          |
|                                     |                             |   |     |                          |                                     |                                     |   |     |                          |

**SENIOR**

| Senior Fall (15 hrs.)     |                                       |   | Cr. | Semester/Grade/Course ID | Senior Spring (16 hrs.)   |                       |   | Cr. | Semester/Grade/Course ID |
|---------------------------|---------------------------------------|---|-----|--------------------------|---------------------------|-----------------------|---|-----|--------------------------|
| <b>Major Requirements</b> |                                       |   |     |                          | <b>Major Requirements</b> |                       |   |     |                          |
| CHEM 3054                 | Biochemistry                          | 4 |     |                          | BIOL 4014                 | Genetics              | 4 |     |                          |
| CHEM 4114                 | Physical Chemistry/Chemical Physics I | 4 |     |                          | CHEM 4603                 | Advanced Biochemistry | 3 |     |                          |
|                           | Biochemistry Option                   | 4 |     |                          | CHEM 4652                 | Biochemical Methods   | 2 |     |                          |
|                           | Elective                              | 3 |     |                          | GNSC 4951                 | Science Capstone      | 1 |     |                          |
|                           |                                       |   |     |                          |                           | Elective              | 6 |     |                          |
|                           |                                       |   |     |                          |                           |                       |   |     |                          |

**Supportive Core Options - Select 2**

- Communication Course
- Criminal Justice Course
- Economics Course
- English Course
- Family Science Course
- Fine Arts Course
- History Course
- Philosophy Course
- Political Science Course
- Psychology Course
- Sociology Course
- World Language Course

**Biochemistry Options - Select 3**

- BIOL 2034 Plant Biology **OR** BIOL 2364 Human Physiology
- BIOL 3144 Animal Biology **OR** BIOL 3274 Microbiology
- BIOL 4044 Developmental Biology **OR** CHEM 4124 Physical Chemistry/Chemical Physics II **OR** CHEM 4504 Inorganic Chemistry