

Bachelor of Science Degree in Biomedical Science

(Recommended Course Sequence)

While each student's course sequence may be adapted to their personal goals and timeline, this recommended four-year sequence demonstrates one option. Any course labeled "General education" is flexible for students to choose which general education requirement to include. Elective options are flexible to be used anywhere for any other course of interest, as long as the prerequisites are met.

| Year 1: Fall (14 credit hrs.) | | Year 1: Spring (16 credit hrs.) | |
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| BIO 1159 | Health Professions Seminar | BIO 1369 | General Biology II |
| BIO 1359 | General Biology I | BIO 1129 | General Biology II Lab |
| BIO 1119 | General Biology I Lab | CHE 1489 | General Chemistry II |
| CHE 1479 | General Chemistry I | MAT 2451 | Calculus |
| ENG 1311 | English Composition I | KIN 1100 | Prin. of Personal Fit. & Well. |
| MAT 2445 | Accelerated Pre-Calculus | 3 hrs | General Education |
| GEN 1101 | University Seminar | | |

| Year 2: Fall (16 credit hrs.) | | Year 2: Spring (15 credit hrs.) | |
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| BIO 2429 | Comp. Vertebrate Anatomy | CHE 2341 | Organic Chemistry II |
| CHE 2331 | Organic Chemistry I | CHE 2149 | Organic Chemistry II Lab |
| CHE 2139 | Organic Chemistry I Lab | PHY 2449 | University Physics II |
| PHY 2439 | University Physics I | CIS 1339 | Intro to Info. Technology |
| SCI 2104 | Medical Internship | 3 hrs | General Education |
| 3 hrs | General Education | 1 hr | Kinesiology - Activity |

| Year 3: Fall (16 credit hrs.) | | Year 3: Spring (16 credit hrs.) | |
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| BIO 4439 | Genetics | BIO 3429 | Cell Biology |
| CHE 4439 | Biochemistry I | BIO 3399 | Pathophysiology |
| SCI 1200 | Medical Terminology | 3 hrs | General Education |
| MAT 2343 | Statistics | 3 hrs | General Education |
| 3 hrs | General Education | 3 hrs | Electives |

| Year 4: Fall (15 credit hrs.) | | Year 4: Spring (17 credit hrs.) | |
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| BIO 4119 | Research | BIO 4311 | Senior Thesis and Assessment |
| 3 hrs | Upper Level Biology | GEN 4100 | Senior Seminar |
| 3 hrs | General Education | BIO 3419 | Microbiology |
| 3 hrs | General Education | 3 hrs | General Education |
| 1 hr | Kinesiology - Activity | 3 hrs | General Education |
| 4 hrs | Electives | 3 hrs | Electives |