

B.S. in Biology

| Code | Title | Semester Hours |
|---|---|----------------|
| B.S. in Biology (120 hours) | | |
| Core Requirements (39 hours) | | |
| First Year Seminar | | 3 |
| FYE 1301 | First Year Seminar | |
| Freshmen Composition I | | 3 |
| EN 1311 | Rhetoric and Composition | |
| or EN 1313 | Rhetoric and Composition for International Students | |
| Literature | | 3 |
| Any EN 23XX literature course | | |
| History | | 3 |
| Any 1000, 2000, or 3000-level HS course | | |
| Social Science | | 6 |
| Select two from the following: BA 1310, CJ 1301, CPH 1301, EC 2301, EC 2303, ED 2330, HU 3300, HU 3303, PO 1311, PO 1312, PO 1314, PS 1301, PS 2310, PS 2353, PS 2355, PS 2363, PS 2337, SC 1311, SC 2321, SC 2371, 3 hrs. of Communication Studies (CM 1341, CM 2333, CM 2334) | | |
| Mathematics | | |
| Satisfied by MT 2303 in the courses required for this major. | | |
| Natural or Physical Sciences | | |
| Satisfied by PY 1401 in the courses required for this major. | | |
| Fine Arts | | 3 |
| AR 1300, AR 1301, AR 1311, AR 1312, AR 2301, AR 2321, AR 2361, AR 2362, AR 3331, AR 3351, AR 3381, AR 3392, 3 hrs. DM, 3 hrs. of MU | | |
| Foreign Language and International Engagement | | 6 |
| This requirement is satisfied through one of four ways: (1) One 3-hour course in any language at the 3000 level or above, with a grade of B or better; (2) Two courses (1311 and 1312) in a language not previously studied; (3) Two courses (2311 and 2312) in a language previously studied at the high school or college level; (4) Qualifying scores on an AP or CLEP exam, or both the ACTFL OPI and WPT exams | | |
| Philosophy - Self | | 3 |
| PL 1301 | Intro to Philosophy | |
| Philosophy - Ethics | | 3 |
| PL 2301 | Foundations of Ethics | |
| Theology - God | | 3 |
| TH 1301 | Introduction to Theology | |
| Intermediate Theology | | 3 |
| Any TH 33xx course | | |
| Biology Major Courses (78 hours) | | |
| BL 1401 | General Biology for Majors I | 4 |
| BL 1402 | General Biology for Majors II | 4 |
| BL 2110 | Sophomore Biology Seminar | 1 |
| BL 2233 | Cell & Molecular Methods | 2 |
| BL 2330 | Genetic Principles | 3 |
| BL 2332 | Cell Biology | 3 |
| BL 3110 | Junior Biology Seminar | 1 |
| BL 4110 | Senior Biology Seminar | 1 |
| BL 34XX or 44XX -Advanced Biology | | 16 |
| At least 4 credits must fulfill the Cellular & Molecular Biology requirement and 4 credits for the Organismal Biology requirement. | | |
| BL 4451 | Biochemistry I | 4 |
| BL 4452 | Biochemistry II | 4 |
| CH 1401 | General Chemistry I | 4 |

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|---|--|-----|
| CH 1402 | General Chemistry II | 4 |
| CH 2411 | Organic Chemistry I | 4 |
| CH 2412 | Organic Chemistry II | 4 |
| MT 2303 | Introduction to Probability and Statistics | 3 |
| MT 2412 | Calculus I | 4 |
| PY 1401 | General Physics I | 4 |
| PY 1402 | General Physics II | 4 |
| Advanced Science Elective | | 4 |
| Can be fulfilled by an Advanced Biology (BL 34XX/44XX) or Advanced Chemistry course (CH 34XX/44XX) | | |
| Electives (3 hours) | | |
| An elective can be any course taken from any discipline. Students can use these hours to pursue certificates, minors, or second majors. | | |
| Total Semester Hours | | 120 |

This is a recommended degree plan subject to changes. Please meet with your advisor on a regular basis.

First Year

| Fall | Semester Hours | Spring | Semester Hours |
|----------|----------------|------------------|----------------|
| FYE 1301 | | 3 Social Science | 3 |
| BL 1401 | | 4 EN 1311 | 3 |
| CH 1401 | | 4 BL 1402 | 4 |
| MT 2412 | | 4 CH 1402 | 4 |
| | | MT 2303 | 3 |
| | 15 | | 17 |

Second Year

| Fall | Semester Hours | Spring | Semester Hours |
|-----------------|----------------|-------------------|----------------|
| PL 1301 | | 3 PL 2301 | 3 |
| BL 2332 or 2330 | | 3 BL 2332 or 2330 | 3 |
| CH 2411 | | 4 BL 2233 | 2 |
| Literature | | 3 CH 2412 | 4 |
| BL 2110 | | 1 History | 3 |
| | 14 | | 15 |

Third Year

| Fall | Semester Hours | Spring | Semester Hours |
|---------------------------|----------------|--------------------|----------------|
| PY 1401 | | 4 PY 1402 | 4 |
| Advanced Biology | | 4 Advance Biology | 4 |
| Foreign Language | | 3 Foreign Language | 3 |
| Advanced Science Elective | | 4 TH 1301 | 3 |
| BL 3110 | | 1 | |
| | 16 | | 14 |

Fourth Year

| Fall | Semester Hours | Spring | Semester Hours |
|-------------------|----------------|--------------------|----------------|
| Fine Arts | | 3 Electives | 3 |
| BL 4451 | | 4 BL 4452 | 4 |
| Advanced Biology | | 4 Advanced Biology | 4 |
| BL 4110 | | 1 Social Science | 3 |
| Advanced Theology | | 3 | |
| | 15 | | 14 |

Total Semester Hours 120