These curriculum plans represent three examples of how degree requirements may be completed in four years. Actual curriculum plans may vary depending on transfer credit, math placement, and timing and availability of desired elective options. These examples do not include all options available to students for completing a degree in this program. For further details, please consult the undergraduate catalog.

Sample Curriculum — Bachelor of Science (example 1) - Biological Sciences

|  |  |
| --- | --- |
| Fall Semester | Spring Semester |
| Year 1BIO SCI 1201 – Bio Sci Freshman Seminar | 1 | Year 1BIO SCI 1223 – Biodiversity | 3 |
| BIO SCI 1229 – Biodiversity Lab | 1 |
| BIO SCI 1213 – Principles of Biology | 3 |
| BIO SCI 1219 – General Biology Lab | 1 | CHEM 1320 – General Chemistry II | 3 |
| CHEM 1100 – Intro to Lab Safety and Haz Mat |  | MATH 1120 – College Algebra | 5 |
| ENGLISH 1160 – Writing and Research | 3 |
| CHEM 1310 – General Chemistry I | 4 |
| CHEM 1319 – General Chemistry Lab ENGLISH 1120 – Exposition & Argumentation | 13 | Total | 15 |
| Total | 14 |  |  |
| Year 2 |  | Year 2 | 313313317 |
| BIO SCI 2223 – General Genetics | 3 | BIO SCI 2213 – Cell Biology |
| BIO SCI 2263 – Ecology | 3 | BIO SCI 2219 – Cell Biology Lab |
| CHEM 2210 – Organic Chemistry I | 3 | BIO SCI 3233 – Evolution |
| CHEM 2219 – Organic Chemistry I Lab | 1 | CHEM 2220 – Organic Chemistry II |
| MATH 1212 – Survey of Calculus | 4 | CHEM 2229 – Organic Chemistry II Lab |
| Total | 14 | Humanities Elective |
|  |  | Social Science Elective (Constitution req.) |
|  |  | Total |
| Year 3 |  | Year 3 |  |
| Advanced Biology Elective | 3 | Advanced Biology Elective | 3 |
| Advanced Biology Elective | 3 | Advanced Biology Elective | 3 |
| STAT 3425 Introduction to Biostatistics | 4 | PHYSICS 2145 College Physics II | 4 |
| PHYSICS 1145 College Physics I | 4 | Humanities Elective | 3 |
| Total | 17 | Free Elective | 3 |
|  |  | Total | 16 |
| Year 4 |  | Year 4 |  |
| BIO SCI 4010 Seminar | 1 | Advanced Biology Elective | 3 |
| Advanced Biology Elective | 3 | Advanced Biology Elective | 3 |
| Advanced Biology Elective | 3 | Advanced Biology Elective | 3 |
| Social Science Elective | 3 | Free Elective | 3 |
| Free Elective | 3 | Free Elective | 2 |
| Free Elective Total | 316 | Total | 14 |

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| --- | --- |
| Fall Semester | Spring Semester |
| Year 1BIO SCI 1201 – Bio Sci Freshman Seminar 1BIO SCI 1213 – Principles of Biology 3BIO SCI 1219 – General Biology Lab 1CHEM 1100 – Intro to Lab Safety and Haz Mat 1CHEM 1310 – General Chemistry I 4CHEM 1319 – General Chemistry Lab 1ENGLISH 1120 – Exposition and Argumentation 3 Total 14 | Year 1BIO SCI 2223 – General Genetics 3CHEM 1320 – General Chemistry II 3MATH 1120 – College Algebra 5ENGLISH 1160 – Writing and Research 3Social Science Elective 3Total 17 |
| Year 2BIO SCI 1223 – Biodiversity 3BIO SCI 1229 – Biodiversity Lab 1BIO SCI 2213 – Cell Biology 3BIO SCI 2219 – Cell Biology Lab 1CHEM 2210 – Organic Chemistry I 3CHEM 2219 – Organic Chemistry I Lab 1Humanities Elective 3Total 15 | Year 2BIO SCI 2263 – Ecology 3BIO SCI 3233 – Evolution 3CHEM 2220 – Organic Chemistry II 3CHEM 2229 – Organic Chemistry II Lab 1MATH 1212 – Survey of Calculus 4Social Science Elective (Constitution req.) 3Total 17 |
| Year 3Advanced Biology Elective 3Advanced Biology Elective 3STAT 3425 Introduction to Biostatistics 4PHYSICS 1145 College Physics I 4Total 14 | Year 3Advanced Biology Elective 3Advanced Biology Elective 3PHYSICS 2145 College Physics II 4Humanities Elective 3Free Elective 3Total 16 |
| Year 4BIO SCI 4010 Seminar 1Advanced Biology Elective 3Advanced Biology Elective 3Social Science Elective 3Free Elective 3Free Elective 3Total 16 | Year 4Advanced Biology Elective 3Advanced Biology Elective 3Advanced Biology Elective 3Free Elective 3Free Elective 2Total 14 |

|  |  |
| --- | --- |
| Fall Semester | Spring Semester |
| Year 1BIO SCI 1201 – Bio Sci Freshman Seminar 1BIO SCI 1213 – Principles of Biology 3BIO SCI 1219 – General Biology Lab 1CHEM 1100 – Intro to Lab Safety and Haz Mat 1Social Science Elective (Constitution req.) 3ENGLISH 1120 – Exposition and Argumentation 3 MATH 1103 – Fundamentals of Algebra 3Total 15 | Year 1BIO SCI 1223 – Biodiversity 3BIO SCI 1229 – Biodiversity Lab 1Humanities Elective 3MATH 1120 – College Algebra 5ENGLISH 1160 – Writing and Research 3Total 15 |
| Year 2BIO SCI 2223 – General Genetics 3BIO SCI 2263 – Ecology 3CHEM 1310 – General Chemistry I 4CHEM 1319 – General Chemistry Lab 1MATH 1160 – Trigonometry 2Social Science Elective 3Total 16 | Year 2BIO SCI 2213 – Cell Biology 3BIO SCI 2219 – Cell Biology Lab 1BIO SCI 3233 – Evolution 3CHEM 1320 – General Chemistry II 3MATH 1212 – Survey of Calculus 4Social Science Elective 3Total 17 |
| Year 3Advanced Biology Elective 3Advanced Biology Elective 3CHEM 2210 – Organic Chemistry I 3CHEM 2219 – Organic Chemistry I Lab 1PHYSICS 1145 College Physics I 4Total 14 | Year 3Advanced Biology Elective 3Advanced Biology Elective 3CHEM 2220 – Organic Chemistry II 3CHEM 2229 – Organic Chemistry II Lab 1PHYSICS 2145 College Physics II 4Humanities Elective 3Total 17 |
| Year 4BIO SCI 4010 Seminar 1STAT 3425 Introduction to Biostatistics 4Advanced Biology Elective 3Advanced Biology Elective 3Free Elective 3Free Elective 2Total 16 | Year 4Advanced Biology Elective 3Advanced Biology Elective 3Advanced Biology Elective 1Free Elective 3Free Elective 3Total 13 |