

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

Sample Curriculum — Bachelor of Science (example 2) - Biological Sciences

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

Sample Curriculum — Bachelor of Science (example 3) - Biological Sciences

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