

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 BIO SCI 1201 – Bio Sci Freshman Seminar 1 BIO SCI 1213 – Principles of Biology 3 BIO SCI 1219 – General Biology Lab 2 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 Social Science Elective (Constitution req.) 3 Total 18	Year 1 BIO SCI 1223 – Biodiversity 3 BIO SCI 1229 – Biodiversity Lab 1 CHEM 1320 – General Chemistry II 3 MATH 1140 – College Algebra 3 MATH 1160 – Trigonometry 2 ENGLISH 1160 – Writing and Research 3 Total 15
Year 2 BIO SCI 2223 – General Genetics 3 BIO SCI 2263 – Ecology 3 CHEM 2210 – Organic Chemistry I 4 CHEM 2219 – Organic Chemistry I Lab 1 MATH 1212 – Business Calculus 4 Social Science Elective 3 Total 18	Year 2 BIO SCI 2213 – Cell Biology 3 BIO SCI 2219 – Cell Biology Lab 1 BIO SCI 3233 – Evolution 3 CHEM 2220 – Organic Chemistry II 4 CHEM 2229 – Organic Chemistry II Lab 1 Humanities Elective 3 Total 15
Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 STAT 5425 Introduction to Biostatistics 4 PHYSICS 1145 College Physics I 3 PHYSICS 1119 General Physics Lab 1 Social Science Elective 3 Total 17	Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 PHYSICS 2145 College Physics II 3 PHYSICS 2119 Intermediate Physics Lab 1 Humanities Elective 3 Free Elective 3 Total 16
Year 4 BIO SCI 4010 Seminar 1 Advanced Biology Elective 3 Advanced Biology Elective 3 Free 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 3 Free Elective 2 Total 17

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 2 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 Social Science Elective (Constitution req.) 3 Total 18	Year 1 BIO SCI 2223 – General Genetics 3 CHEM 1320 – General Chemistry II 3 MATH 1140 – College Algebra 3 MATH 1160 – Trigonometry 2 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 4 CHEM 2219 – Organic Chemistry I Lab 1 Humanities Elective 3 Total 16	Year 2 BIO SCI 2263 – Ecology 3 BIO SCI 3233 – Evolution 3 CHEM 2220 – Organic Chemistry II 4 CHEM 2229 – Organic Chemistry II Lab 1 MATH 1212 – Business Calculus 4 Total 15
Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 STAT 5425 Introduction to Biostatistics 4 PHYSICS 1145 College Physics I 3 PHYSICS 1119 General Physics Lab 1 Social Science Elective 3 Total 17	Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 PHYSICS 2145 College Physics II 3 PHYSICS 2119 Intermediate Physics Lab 1 Humanities Elective 3 Free Elective 3 Total 16
Year 4 BIO SCI 4010 Seminar 1 Advanced Biology Elective 3 Advanced Biology Elective 3 Free 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 3 Free Elective 2 Total 17

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 2 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 16	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 – Business Calculus 4 Social Science Elective 3 Total 17
Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 CHEM 2210 – Organic Chemistry I 4 CHEM 2219 – Organic Chemistry I Lab 1 PHYSICS 1145 College Physics I 3 PHYSICS 1119 General Physics Lab 1 Total 15	Year 3 Advanced Biology Elective 3 Advanced Biology Elective 3 CHEM 2220 – Organic Chemistry II 4 CHEM 2229 – Organic Chemistry II Lab 1 PHYSICS 2145 College Physics II 3 PHYSICS 2119 Intermediate Physics Lab 1 Humanities Elective 3 Total 18
Year 4 BIO SCI 4010 Seminar 1 STAT 5425 Introduction to Biostatistics 4 Advanced Biology Elective 3 Advanced Biology Elective 3 Free Elective 3 Free Elective 3 Total 17	Year 4 Advanced Biology Elective 3 Advanced Biology Elective 3 Advanced Biology Elective 1 Free Elective 3 Free Elective 3 Free Elective 3 Total 16

Sample Curriculum — Bachelor of Arts, Pre-med Emphasis - Biological Sciences

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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 2 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 HISTORY 1100 – Early Western Civilization 3 Total 18	Year 1 BIO SCI 1223 – Biodiversity 3 BIO SCI 1229 – Biodiversity Lab 1 CHEM 1320 – General Chemistry II 3 Humanities Elective (philosophy) 3 HISTORY 1200 – Modern Western Civilization 3 Composition Course elective 3 Total 16
Year 2 BIO SCI 2223 – General Genetics 3 BIO SCI 2263 – Ecology 3 CHEM 2210 – Organic Chemistry I 4 CHEM 2219 – Organic Chemistry I Lab 1 Foreign Language Elective 4 Total 15	Year 2 BIO SCI 2213 – Cell Biology 3 BIO SCI 2219 – Cell Biology Lab 1 BIO SCI 3233 – Evolution 3 CHEM 2220 – Organic Chemistry II 4 CHEM 2229 – Organic Chemistry II Lab 1 Foreign Language Elective 4 Total 16
Year 3 BIO SCI 3333 – Human A&P I 3 BIO SCI 3339 – Human A&P I Lab 1 Foreign Language Elective 4 PHYSICS 1145 College Physics I 3 PHYSICS 1119 General Physics Lab 1 Social Science Elective 3 Total 15	Year 3 BIO SCI 3333 – Human A&P II 3 BIO SCI 3339 – Human A&P II Lab 1 PHYSICS 2145 College Physics II 3 PHYSICS 2119 Intermediate Physics Lab 1 MATH elective 3 Social Science Elective 3 Total 14
Year 4 BIO SCI 4010 Seminar 1 Advanced Biology Elective 3 Comp Sci or STAT Elective 4 Humanities Elective (fine arts) 3 Social Sciences Elective 3 Total 16	Year 4 CHEM 4610 – General Biochemistry 3 Social Science Elective 3 Humanities Elective (literature) 3 Humanities Elective 3 Total 12

Sample Curriculum — Bachelor of Arts - Biological Sciences

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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 2 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 HISTORY 1100 – Early Western Civilization 3 Total 18	Year 1 BIO SCI 1223 – Biodiversity 3 BIO SCI 1229 – Biodiversity Lab 1 CHEM 1320 – General Chemistry II 3 Humanities Elective (philosophy) 3 HISTORY 1200 – Modern Western Civilization 3 Composition Course elective 3 Total 16
Year 2 BIO SCI 2223 – General Genetics 3 BIO SCI 2263 – Ecology 3 CHEM 2210 – Organic Chemistry I 4 Foreign Language Elective 4 Total 14	Year 2 BIO SCI 2213 – Cell Biology 3 BIO SCI 2219 – Cell Biology Lab 1 BIO SCI 3233 – Evolution 3 CHEM 2220 – Organic Chemistry II 4 Foreign Language Elective 4 Total 15
Year 3 Advanced Biology Elective 3 Foreign Language Elective 4 Math or Physical Sci Elective 3 Social Science Elective 3 Total 13	Year 3 Advanced Biology Elective 3 Math or Physical Sci Elective 3 Humanities Elective (literature) 3 Social Science Elective 3 Free Elective 3 Total 15
Year 4 BIO SCI 4010 Seminar 1 Advanced Biology Elective 3 Comp Sci or STAT Elective 4 Humanities Elective (fine arts) 3 Social Sciences Elective 3 Total 14	Year 4 Social Science Elective 3 Humanities Elective 3 Free Elective 3 Free Elective 3 Free Elective 3 Total 15