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

This curriculum guide represents an example 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. This example does not include all options available to students for completing a degree in this program. For further details, please consult the undergraduate catalog.

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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 2CHEM 1100 – Intro to Lab Safety and Haz Mat 1CHEM 1310 – General Chemistry I 4CHEM 1319 – General Chemistry Lab 1ENGLISH 1120 – Exposition and Argumentation 3 HISTORY 1100 – Early Western Civilization 3Total 18 | Year 1BIO SCI 1223 – Biodiversity 3BIO SCI 1229 – Biodiversity Lab 1CHEM 1320 – General Chemistry II 3Humanities Elective (philosophy) 3HISTORY 1200 – Modern Western Civilization 3Composition Course elective 3Total 16 |
| Year 2BIO SCI 2223 – General Genetics 3BIO SCI 2263 – Ecology 3CHEM 2210 – Organic Chemistry I 4CHEM 2219 – Organic Chemistry I Lab 1Foreign Language Elective 4Total 15 | Year 2BIO SCI 2213 – Cell Biology 3BIO SCI 2219 – Cell Biology Lab 1BIO SCI 3233 – Evolution 3CHEM 2220 – Organic Chemistry II 4CHEM 2229 – Organic Chemistry II Lab 1Foreign Language Elective 4Total 16 |
| Year 3BIO SCI 3333 – Human A&P I 3BIO SCI 3339 – Human A&P I Lab 1Foreign Language Elective 4PHYSICS 1145 College Physics I 3PHYSICS 1119 General Physics Lab 1Social Science Elective 3Total 15 | Year 3BIO SCI 3333 – Human A&P II 3BIO SCI 3339 – Human A&P II Lab 1PHYSICS 2145 College Physics II 3PHYSICS 2119 Intermediate Physics Lab 1MATH elective 3Social Science Elective 3Total 14 |
| Year 4BIO SCI 4010 Seminar 1Advanced Biology Elective 3Comp Sci or STAT Elective 4Humanities Elective (fine arts) 3Social Sciences Elective 3Total 16 | Year 4CHEM 4610 – General Biochemistry 3Social Science Elective 3Humanities Elective (literature) 3Humanities Elective 3Total 12 |