

| BIOLOGY MAJOR | | | | |
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| First two years | State University of New York at Binghamton | | Westchester Community College | |
| Introductory Biology with labs | Biology 117 AND Biology 118 | INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY INTRODUCTION TO CELL AND MOLECULAR BIOLOGY | BIOL 117 + BIOL 118 BIOL 115 + BIOL 116 | GENERAL BIOLOGY II and LAB GENERAL BIOLOGY I and LAB |
| Introductory Chemistry with labs | Chemistry 107 AND Chemistry 108 | INTRODUCTORY CHEMISTRY I INTRODUCTORY CHEMISTRY II | CHEM 107 + CHEM 108 CHEM 111 + CHEM 112 | INORGANIC CHEMISTRY I INORGANIC CHEMISTRY II |
| Organic Chemistry with lab | Chemistry 231 AND Chemistry 332 AND Chemistry 335 | ORGANIC CHEMISTRY I ORGANIC CHEMISTRY II ORGANIC CHEMISTRY LABORATORY | CHEM 201 + CHEM 202 CHEM 205 + CHEM 206 | ORGANIC CHEMISTRY I ORGANIC CHEMISTRY II |
| Statistics | Mathematics 148* OR Biology 437 | ELEMENTARY STATISTICS FOR BIOLOGISTS* BIOSTATISTICS | MATH 113* | STATISTICS |
| Math and Physical Science electives | Mathematics 221 | CALCULUS I | MATH 121 | CALCULUS I |
| Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.) | Mathematics 222 | CALCULUS II | MATH 122 | CALCULUS II |
| | Physics 121 | GENERAL PHYSICS I | PHYS 123 + PHYS 124 | COLLEGE PHYSICS I + COLLEGE PHYSICS I LAB |
| | Physics 122 | GENERAL PHYSICS II | PHYS 125 + PHYS 126 | COLLEGE PHYSICS II + COLLEGE PHYSICS II LAB |
| | Physics 131 | GENERAL PHYSICS I (CALCULUS BASED) | PHYS 101B + PHYS 102B | ENGINEERING PHYSICS I + ENGINEERING PHYSICS I LAB |
| | Physics 132 | GENERAL PHYSICS II (CALCULUS BASED) | PHYS 103B + PHYS 104B | ENGINEERING PHYSICS II + ENGINEERING PHYSICS II LAB |
| *Starting Fall 2009, Biology majors at Binghamton are required to take a statistics course that was created for biology students. In the meantime, we are modifying some upper level biology courses to build on this specific statistics foundation. To allow for a transition, we will allow biology majors to transfer a general statistics course to be equivalent to Math 148 until Fall 2012. | | | | |
| Disclaimer: This transfer equivalency guide outlines a plan of study that allows for efficient completion of the bachelor's degree. Admission to Binghamton University is competitive and satisfactory completion of equivalent courses or an associate's degree is not a guarantee of admission. | | | | |