

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Tompkins Cortland Community College	
Introductory Biology with labs	Biology 117 AND Biology 118	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIOL 105 BIOL 104	GENERAL BIOLOGY II GENERAL BIOLOGY I
Introductory Chemistry with labs	Chemistry 107 AND Chemistry 108	INTRODUCTORY CHEMISTRY I INTRODUCTORY CHEMISTRY II	CHEM 107 CHEM 108	GENERAL CHEMISTRY I GENERAL CHEMISTRY II
Organic Chemistry with lab	Chemistry 231 AND Chemistry 332 AND Chemistry 335	ORGANIC CHEMISTRY I ORGANIC CHEMISTRY II ORGANIC CHEMISTRY LABORATORY	CHEM 205 CHEM 206	ORGANIC CHEMISTRY I (with lab) ORGANIC CHEMISTRY II (with lab)
Statistics	Mathematics 148* OR Biology 437	ELEMENTARY STATISTICS FOR BIOLOGISTS* BIOSTATISTICS	MATH 200*	STATISTICS
Math and Physical Science electives	Mathematics 221	CALCULUS I	MATH 201	CALCULUS I
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MATH 202	CALCULUS II
	Physics 121	GENERAL PHYSICS I	PHSC 104	GENERAL PHYSICS I
	Physics 122	GENERAL PHYSICS II	PHSC 105	GENERAL PHYSICS II
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHSC 211	PHYSICS I (MECHANICS AND HEAT)
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHSC 212	PHYSICS II (ELECTRICITY AND MAGNETISM)
			PHSC 213	PHYSICS III (WAVES, OPTICS AND MODERN PHYSICS)
*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.				