

BIOLOGY MAJOR					
First two years		State University of New York at Binghamton		Orange County Community College	
Introductory Biology with labs	Biology 117 AND	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY	BIOL 102	GENERAL BIOLOGY II	
	Biology 118	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIOL 101	GENERAL BIOLOGY I	
Introductory Chemistry with labs	Chemistry 107 AND	INTRODUCTORY CHEMISTRY I	CHM 105	GENERAL CHEMISTRY I	
	Chemistry 108	INTRODUCTORY CHEMISTRY II	CHM 106	GENERAL CHEMISTRY II	
Organic Chemistry with lab	Chemistry 231 AND	ORGANIC CHEMISTRY I	CHM 201	ORGANIC CHEMISTRY I (with lab)	
	Chemistry 332 AND	ORGANIC CHEMISTRY II	CHM 202	ORGANIC CHEMISTRY II (with lab)	
	Chemistry 335	ORGANIC CHEMISTRY LABORATORY			
Statistics	Mathematics 148* OR	ELEMENTARY STATISTICS FOR BIOLOGISTS*	MTH 125*	INTRODUCTION TO STATISTICS	
	Biology 437	BIOSTATISTICS			
Math and Physical Science electives	Mathematics 221	CALCULUS I	MTH 205	CALCULUS I	
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MTH 206	CALCULUS II	
	Physics 121	GENERAL PHYSICS I	PHY 101	GENERAL PHYSICS I	
	Physics 122	GENERAL PHYSICS II	PHY 102	GENERAL PHYSICS II	
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHY 105	GENERAL PHYSICS I WITH CALCULUS	
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 106	GENERAL PHYSICS II WITH CALCULUS	
*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.					