

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Dutchess Community College	
Introductory Biology with labs	Biology 117 AND	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY	BIO 102	GENERAL BIOLOGY II
	Biology 118	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIO 101	GENERAL BIOLOGY I
Introductory Chemistry with labs	Chemistry 107 AND	INTRODUCTORY CHEMISTRY I	CHE 121	GENERAL CHEMISTRY I
	Chemistry 108	INTRODUCTORY CHEMISTRY II	CHE 122	GENERAL CHEMISTRY II
Organic Chemistry with lab	Chemistry 231 AND	ORGANIC CHEMISTRY I	CHE 231	ORGANIC CHEMISTRY I (with lab)
	Chemistry 332 AND	ORGANIC CHEMISTRY II	CHE 232	ORGANIC CHEMISTRY II (with lab)
	Chemistry 335	ORGANIC CHEMISTRY LABORATORY		
Statistics	Mathematics 148* OR	ELEMENTARY STATISTICS FOR BIOLOGISTS*	MAT 118*	ELEMENTARY STATISTICS
	Biology 437	BIOSTATISTICS		
Math and Physical Science electives	Mathematics 221	CALCULUS I	MAT 221	ANALYTIC GEOMETRY AND CALCULUS I
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MAT 222	ANALYTIC GEOMETRY AND CALCULUS II
	Physics 121	GENERAL PHYSICS I	PHY 121	GENERAL PHYSICS I
	Physics 122	GENERAL PHYSICS II	PHY 122	GENERAL PHYSICS II
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHY 151	ENGINEERING PHYSICS I
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 152	ENGINEERING PHYSICS II
*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.				