

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Nassau Community College	
Introductory Biology with labs	Biology 117 AND Biology 118	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIO 110 BIO 109	PRINCIPLES OF BIOLOGY II PRINCIPLES OF BIOLOGY I
Introductory Chemistry with labs	Chemistry 107 AND Chemistry 108	INTRODUCTORY CHEMISTRY I INTRODUCTORY CHEMISTRY II	CHE 151 CHE 152	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	CHE 201 CHE 202	ORGANIC CHEMISTRY I (with lab) ORGANIC CHEMISTRY II (with lab)
Statistics	Mathematics 148* OR Biology 437	ELEMENTARY STATISTICS FOR BIOLOGISTS* BIOSTATISTICS	MAT 102*	INTRODUCTION TO STATISTICS
Math and Physical Science electives	Mathematics 221	CALCULUS I	MAT 122	CALCULUS I
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MAT 123	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 151	PHYSICS FOR SCIENTISTS and MATHEMATICIANS I
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 152	PHYSICS FOR SCIENTISTS and MATHEMATICIANS 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.				