

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Borough of Manhattan Community College	
Introductory Biology with labs	Biology 117 AND	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY	BIO 220	BIOLOGY II
	Biology 118	INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIO 210	BIOLOGY I
Introductory Chemistry with labs	Chemistry 107 AND	INTRODUCTORY CHEMISTRY I	CHE 201	COLLEGE CHEMISTRY I
	Chemistry 108	INTRODUCTORY CHEMISTRY II	CHE 202	COLLEGE CHEMISTRY II
Organic Chemistry with lab	Chemistry 231 AND	ORGANIC CHEMISTRY I	CHE 230	ORGANIC CHEMISTRY I (with lab)
	Chemistry 332 AND	ORGANIC CHEMISTRY II	CHE 240	ORGANIC CHEMISTRY II (with lab)
	Chemistry 335	ORGANIC CHEMISTRY LABORATORY		
Statistics	Mathematics 148* OR	ELEMENTARY STATISTICS FOR BIOLOGISTS*	MAT 209*	STATISTICS
	Biology 437	BIOSTATISTICS		
Math and Physical Science electives	Mathematics 221	CALCULUS I	MAT 301	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 302	ANALYTIC GEOMETRY AND CALCULUS II
	Physics 121	GENERAL PHYSICS I	PHY 210	PHYSICS I
	Physics 122	GENERAL PHYSICS II	PHY 220	PHYSICS II
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHY 215	UNIVERSITY PHYSICS I
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 225	UNIVERSITY 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.				