

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Suffolk County Community College	
Introductory Biology with labs	Biology 117 AND Biology 118	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIO 152 / BY 52 BIO 150 / BY 50	MODERN BIOLOGY II MODERN BIOLOGY I
Introductory Chemistry with labs	Chemistry 107 AND Chemistry 108	INTRODUCTORY CHEMISTRY I INTRODUCTORY CHEMISTRY II	CHE 133 / CH 33 CHE 134 / CH 34	COLLEGE CHEMISTRY I COLLEGE CHEMISTRY II
Organic Chemistry with lab	Chemistry 231 AND Chemistry 332 AND Chemistry 335	ORGANIC CHEMISTRY I ORGANIC CHEMISTRY II ORGANIC CHEMISTRY LABORATORY	CHE 250 / CH 55 CHE 251 / CH 55	ORGANIC CHEMISTRY I (with lab) ORGANIC CHEMISTRY II (with lab)
Statistics	Mathematics 148* OR Biology 437	ELEMENTARY STATISTICS FOR BIOLOGISTS* BIOSTATISTICS	MAT 103 / MA 23	STATISTICS I
Math and Physical Science electives	Mathematics 221	CALCULUS I	MAT 141 / MA 87	CALCULUS WITH ANALYTIC GEOMETRY I
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MAT 142 / MA 88	CALCULUS WITH ANALYTIC GEOMETRY II
	Physics 121	GENERAL PHYSICS I	PHY 101 / PH 53	COLLEGE PHYSICS I
	Physics 122	GENERAL PHYSICS II	PHY 102 / PH 54	COLLEGE PHYSICS II
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHY 130 / PH 71 + PHY 132 / PH 72	PHYSICS I + PHYSICS I LAB
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 230 / PH 73 + PHY 232 / PH 74	PHYSICS II + PHYSICS II LAB
			PHY 245 / PH 75 + PHY 246 / PH 76	PHYSICS III + PHYSICS III LAB
			PHY 247 / PH 77 + PHY 248 / PH 78	PHYSICS IV + PHYSICS IV LAB
*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.				