

BIOLOGY MAJOR				
First two years	State University of New York at Binghamton		Jefferson Community College	
Introductory Biology with labs	Biology 117 AND Biology 118	INTRODUCTION TO ORGANISMAL AND POPULATION BIOLOGY INTRODUCTION TO CELL AND MOLECULAR BIOLOGY	BIO 132 BIO 131	PRINCIPLES OF BIOLOGY 2 PRINCIPLES OF BIOLOGY 1
Introductory Chemistry with labs	Chemistry 107 AND Chemistry 108	INTRODUCTORY CHEMISTRY I INTRODUCTORY CHEMISTRY II	CHE 131 + CHE 131L CHE 132	GENERAL CHEMISTRY 1 + GENERAL CHEMISTRY 1 LAB GENERAL CHEMISTRY 2
Organic Chemistry with lab	Chemistry 231 AND Chemistry 332 AND Chemistry 335	ORGANIC CHEMISTRY I ORGANIC CHEMISTRY II ORGANIC CHEMISTRY LABORATORY	CHE 211 CHE 212	ORGANIC CHEMISTRY 1 (with lab) ORGANIC CHEMISTRY 2 (with lab)
Statistics	Mathematics 148* OR Biology 437	ELEMENTARY STATISTICS FOR BIOLOGISTS* BIOSTATISTICS	MTH 144*	ELEMENTARY STATISTICS
Math and Physical Science electives	Mathematics 221	CALCULUS I	MTH 221	CALCULUS 1
Electives most commonly taken (8 credits for the B.A., 12 credits for the B.S.)	Mathematics 222	CALCULUS II	MTH 222	CALCULUS 2
	Physics 121	GENERAL PHYSICS I	PHY 131 + PHY 132L	GENERAL PHYSICS 1 + GENERAL PHYSICS 2 LAB
	Physics 122	GENERAL PHYSICS II	PHY 132	GENERAL PHYSICS 2
	Physics 131	GENERAL PHYSICS I (CALCULUS BASED)	PHY 143	SCIENCE AND ENGINEERING PHYSICS 1
	Physics 132	GENERAL PHYSICS II (CALCULUS BASED)	PHY 144 PHY 145	SCIENCE AND ENGINEERING PHYSICS 2 SCIENCE AND ENGINEERING PHYSICS 3
*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.				