

APPENDIX A: Advising Guide

Suffolk County Community College Liberal Arts and Sciences: Science - Biology (AS)			Binghamton University School of Pharmacy and Pharmaceutical Sciences Doctor of Pharmacy (PharmD)			
Course #	Course Title	Credits	Course #	Equivalent Course Title	Prereq Course	Credits
BIO150	College Biology I: Cellular and Molecular Biology	4	BIO113	Intro to Cellular and Molecular Biology	X	4
BIO155	College Biology: Organisms and Ecosystems	4	BIO114	Intro to Organisms & Pops Biology	X	4
CHE133	College Chemistry I	4	CHE107	Intro to Chemistry Principles I	X	5
CHE134	College Chemistry II	4	CHE108	Intro to Chemistry Principles II	X	5
CHE250	Organic Chemistry I (do not take PHY121)	5	CHEM231	Organic Chemistry I	X	4
CHE251	Organic Chemistry II (do not take PHY122)	5	CHEM332 CHEM335	Organic Chemistry II and Lab	X	6
ENG101 or ENG100	Standard Freshman Composition or Enhanced Freshman Composition	3	ENGXXX	College Writing	X	3
ENG102	Introduction to Literature	3	ENGXXX	College Writing II	X	3
MAT141	Calculus with Analytic Geometry I	4	MATH224 MATH225	Differential Calculus & Integral Calculus	X	4
	Non-History Social Science Elective	3	100-level Social Science	Social or Behavioral Science	X	3
MAT103	Statistics I (Unrestricted)	3	MATH147	Elementary Statistics	X	4
LIB101	Intro to College Research	1		Elective		1
	Physical Education Elective	1		Elective		1
BIO250	College Biology: Structure and Function of Organisms	4		Elective		4
MAT142	Calculus with Analytic Geometry II	4		Elective		4
	Diversity History Elective	3		Elective		3
BIO262 or BIO272	Genetics or Microbiology	4		Elective		4
	World Language Elective	3		Elective		3
COM101 or COM105	Intro Human Communication or Public Speaking	3		Elective		3
Total Credits		65				

Admission requirements in addition to the A.S. degree (courses must be taken during the first two years or can be completed within an additional year at Suffolk before apply to Binghamton University):

BIO130	Anatomy and Physiology I	4	BIOL251	Human Anatomy and Physiology I	X	4
BIO132	Anatomy and Physiology II	4	BIOL347	Human Anatomy and Physiology II	X	4
BIO244	Microbiology	4	BIOL319	Pre-Health Microbiology	X	4