

Nassau Community College			Hofstra University		
A.S. in Biology			B.S. in Biology		
First Semester					
BIO 109	Principles of Biology I	4	BIO 11	Intro Cell Biology and Genetics	4
CHE 151	Inorganic Chemistry I	4	CHEM 3A/3B	General and Inorganic Chem. and Laboratory	4
MAT 111 *	Precalculus	4	MATH 50	Precalculus	4
ENG 101	Composition I	3	WSC 1	Composition I	3
Social Science Elective	American History Recommended	3	HIST Course	History/Philosophy/Religious Studies (HP) Distribution	3
Second Semester					
BIO 110	Principles of Biology II	4	BIO 12	Animal Form and Function	4
CHE 152	Inorganic Chemistry II	4	CHEM 4A/4B	General and Inorganic Chem. and Laboratory	4
MAT 122	Calculus I	4	MATH 71	Analytic Geometry and Calculus I	4
ENG 102	Composition II	3	WSC 2	Composition II	3
Social Science Elective	Western Civilization or Other Civilizations Recommended	3		Social Science Distribution Course (BH or HP)	3
Third Semester					
BIO (200-level)	BIO 211, 212, 214, 215, 216, 219, 221, 222, 231 Recommended	4		BIO 23, 24, 25, 133, 150, 110A, 999Y, 90A, 139	4
CHE 201	Organic Chemistry I	5	CHEM 131A/131B	Elements of Organic Chem. and Laboratory	4
PED	Activity Course	1	PESP	Free Elective	1
Humanities Elective	Fine and Performing Arts (FAPA) Course Recommended	3		Humanities Creative Participation (CP) Distribution	3
Elective	ART 101, 102, 103, 104, MUS 100, 105, 106, THR 100, 101, 201 Recommended			Humanities Appreciation and Analysis (AA) Distribution	3
Fourth Semester					
BIO (200-level)	BIO 211, 212, 214, 215, 216, 219, 221, 222, 231 Recommended	4		BIO 23, 24, 25, 133, 150, 110A, 999Y, 90A, 139	4
CHE 202	Organic Chemistry II	5	CHEM 132A/132B	Elements of Organic Chem. and Laboratory	4
PED	Activity Course	1	PESP	Free Elective	1
Humanities Elective	ENG 203, 204, 205, 206, 207, 208, 209, 217, 218, 220, 222, 227, 228, 231, 233, 247, 248, 267, 271, 281, 298, 314, 241, 242, 261, 263, 301, 302, 305, 311, 312 Recommended	3		Humanities Literature (LT) Distribution	3
Elective (Culture and Diversity)	AFR 185, GEO 101, 103, POL 101, 260, SOC 209, 214, 216, 219, 222 Recommended	3		Behavioral Social Science (BH) Distribution	3
	Total Credits for A.S. Degree	68		Total Credits Transferrable to Hofstra	64
				Total Credits for BS	

*Initial level of mathematics course depends on mathematics placement exam.

Note: All students must receive a grade of C- or better in biology courses applied toward the major. Students need to maintain a cumulative GPA of 2.8 or better and a GPA of 2.8 or better in all BIO classes. Students interested in graduate programs such as physical or occupational therapy must complete additional requirements to qualify for those programs; please read the Hofstra Online Bulletin at www.bulletin.hofstra.edu and see an advisor for assistance.