

**The following conditions, equivalencies and recommendations have been identified by the two institutions participating in this Agreement.**

I Criteria for admission to NJIT:

Completion of the AS.NSM.BIO degree with minimum grade point average set by the Office of Admissions at NJIT.

II. Course equivalencies and/or area requirements.

See attached degree pattern and listing of acceptable Humanities courses, and acceptable Social Science courses.

III. Preferred course, program or degree options, including electives.

<b>1. Program Option at Bergen Community College</b>	<b>Preference at NJIT</b>
AS.NSM.BIO	BS/BA Biology

IV. A. Summary

Transfer credits from Bergen Community College	64-66
Credits to be taken at NJIT	Minimum of 33 upper level credits (300-400 level courses)
Total Credits for Bachelor Degree	127 minimum

<b>Bergen Community College AS.NSM.BIO to NJIT BS/BA Biological Sciences</b>					
Bergen Community College			N.J.I.T.		
<b>Course #</b>	<b>Name</b>	<b>Crd</b>	<b>Course #</b>	<b>Name</b>	<b>Crd.</b>
<b>FIRST YEAR</b>					
<b>1<sup>st</sup> Semester</b>					
BIO 101	General Bio I	4	R120-102	General Bio II	4
WEX 101	Dyn. Hlth Fitness	2		Phys. Fitness Elec	1
MAT 180	Pre-Calculus	4		No Equivalent	
SPE 111	Speech Communication	3		Elective +	3
WRT 101	English Comp I	3	HSS 101	English: Writing, Speaking, Thinking	3
	Total	16			
<b>2<sup>nd</sup> Semester</b>					
BIO 203	General Bio II	4	R120-101	General Bio I	4
MAT 280	Calculus I	4	MATH 111	Calculus I	4
WRT 201	English Comp II	3	HSS2##	Cultural History Elective	3
	Humanities Elective	3		Elective +	3
	Social Science Elective	3		Elective +	3
	Total	17			
<b>SECOND YEAR</b>					
<b>1<sup>ST</sup> Semester</b>					
BIO 202	Embryology	4	R120-342	Developmental Biology	4
WEX	Fitness Experience	1		Physical Fitness Elective	1
	Humanities Elective	3		Elective +	3
	Social Science Elective	3		Elective +	3
	Natural Science Elective	4		See Core Electives Below	4
	Total	15			
<b>2<sup>nd</sup> Semester</b>					
BIO 201	Comparative Anatomy	4	R120-320	Comparative Anatomy of Vertebr.	4
	Humanities Elective	3		Elective +	3
	Humanities Elective	3		Elective +	3
	Natural Science Elective	4		See Core Electives Below	4
	Natural Science Elective	4		See Core Electives Below	4
	OR			OR	
	Math/Comp Sci Elective	3		See Core Electives Below	3
	Total	17-18			
	Total for Degree	65-66			
<b>Electives Meeting NJIT Biology Major Core Requirements</b>					
BIO 228	Intro to Marine Biology	4	R120-481	Marine Biology	4
MAT 150	Elementary Statistics	3	MATH 105	Elem. Probability & Statistics	3
MAT 281	Calculus II	4	MATH 112	Calculus II ^	4
MAT 282	Calculus III	4	MATH 211	Calculus IIIA ^	3
MAT 283	Differential Equations	4	MATH 222	Differential Equations ^	4
MAT 286	Linear Algebra	3	MATH 337	Linear Algebra ^	3
MAT 265	C++ Programming II	3	CIS 113	Intro to Computer Science I	3
CHM 140	General Chem I	3	CHM 125	General Chem I	3
CHM 141	General Chem I Lab	1	CHM 124	General Chem Lab	1
CHM 240	General Chem II	3	CHM 126	General Chem II	3
CHM 241	General Chem II Lab	1	Credit will be granted for CHEM 124 after completion of two semesters of General Chem with at least one lab		
PHY 280	Physics I Lec/Lab	4	PHY 111	Physics I	3
			PHY111A	Physics I Lab	1
PHY 290	Physics II Lec/Lab	4	PHY 121	Physics II	3
			PHY 121A	Physics II Lab	1

- + Electives may fulfill the General University Requirements (GUR) or may be transferred as free electives. A maximum of four free electives are transferable for the BS curriculum and six for the BA curriculum. See Appendices C & D for transferable Humanities & Social Science Electives.
- ^ Required for BS; not required for BA