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.MATH 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.

1.	**Program Option at Bergen Community College**	**Preference at NJIT**
	AS.NSM.MATH	BS Mathematics

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

Bergen Community College AS.NSM.MATH to NJIT BS Mathematical Sciences (all options)						
Bergen Community College			N.J.I.T.			
Course #	Name	Crd	Course #	Name		Crd.
FIRST YEAR						
1ˢᵗ Semester						
Elective	Math, Comp. Sci or Science	3-4		See Core Electives below		4
WEX 101	Dyn. Hlth Fitness	2		Phys. Education Elec		1
MAT 280	Calculus I	4	MATH 111	Calculus I		
Elective	Humanities Elective	3		Elective **++**		3
WRT 101	English Comp I	3	HSS 101	English: Writing, Speaking, Thinking		3
	Total	15-16				
2ⁿᵈ Semester						
Elective	Math, Comp.Sci. or Science	3-4		See Core Electives below		4
MAT 281	Calculus II	4	MATH 112	Calculus II		4
WRT 201	English Comp II	3	HSS2##	Cultural History Elective		3
	Humanities Elective	3		Elective **++**		3
	Social Science Elective	3		Elective **++**		3
	Total	16-17				
SECOND YEAR						
1ˢᵀ Semester						
MAT 282	Calculus III	4	MATH 213	Calculus IIIB		4
WEX	Fitness Experience	1		Physical Fitness Elective		1
	Humanities Elective	3		Elective **++**		3
MAT 286	Linear Algebra	4	MATH 337	Linear Algebra		3
	Math, Comp Sci or Science	3-4		See Core Electives Below		4
	Total	15-16				
2ⁿᵈ Semester						
MAT 283	Differential Equations	4	MATH 222	Differential Equations		4
SPE 111	Speech Communications	3		Elective **++**		3
	Humanities Elective	3		Elective **++**		3
	Social Science Elective	4		Elective **++**		4
	Math, Comp Sci or Science	3-4		See Core Electives Below		4
	Total	17-18				
	Total for Degree	64-66				
Electives Meeting NJIT Mathematics Major Core Requirements						
BIO 101	General Biology I	4	R120-102	General Biology II *		
BIO 203	General Biology II	4	R120-101	General Biology I *		4
MAT 265	C++ Programming II	3	CIS 113	Intro to Computer Science I		3
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
PHY 291	Physics III Lec/Lab	4	PHYS 234	Physics III		3
			PHYS 234A	Physics III Lab		1

- * Required for Mathematical Biology Option only
- **++** Electives: Only 3 transferable electives are allowed for NJIT Math Major as Electives. Other electives may be eligible as Technical electives or may fulfill the General University Requirement s (GUR).