Major:			Mathematics			NYU Website:		

Freshman Year

Fall Semester			Spring Semester			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MA-UY 1002	The Art of Mathematics	2	MA-UY 1124	Calculus II for Engineers	4			
MA-UY 1024	Calculus I for Engineers	4		**OR**				
	OR		MA-UY 1424	Integrated Calculus II for Engineers	4			
MA-UY 1324	Integrated Calculus I for Engineers	4	PH-UY 1013	Mechanics	3			
CM-UY 1004	General Chemistry for Engineers	4	CS-UY 1114	Intro to Programming & Problem Solving	4			
EXPOS-UA 1	Writing the Essay	4	EXPOS-UA 2	The Advanced College Essay	4			
EG-UY 1001	Engineering & Technology Forum	1						
Total Credits		**15**	**Total Credits**		**15**	**Total Credits**		

Sophomore Year

Fall Semester			Spring Semester			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MA-UY 3044	Linear Algebra	4	MA-UY 2114	Calculus III: Multi-Dimensional Calculus	4			
PH-UY 2121	General Physics Laboratory I	1	PH-UY 2131	General Physics Laboratory II	1			
PH-UY 2023	Electricity, Magnetism & Fluids	3	PH-UY 2033	Waves, Optics & Thermodynamics	3			
	Humanities & Social Sciences Elective	4		Humanities & Social Sciences Elective	4			
	Engineering Course	3		Engineering Course	3			
Total Credits		**15**	**Total Credits**		**15**	**Total Credits**		

Junior Year

Fall Semester - NYUAD			Spring Semester - NYU			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MATH-UH 2013	Real Analysis I	4	MA-UY 4444	Mathematical Modeling	4			
MATH-UH 2010	Ordinary Differential Equations	4	MA-UY 4434	Complex Variables	4			
	Humanities & Social Sciences Elective	4		Humanities & Social Sciences Elective	4			
	Engineering Course	3		Engineering Course	3			
	Free Elective	3		Free Elective	3			
Total Credits		**18**	**Total Credits**		**18**	**Total Credits**		

Senior Year

Fall Semester			Spring Semester			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MA-UY 3014	Probability	4	MA-UY 4114	Applied Statistics	4			
MA-UY 4414	Applied Partial Differential Equations	4	MA-UY 4424	Introductory Numerical Analysis	4			
	Engineering Course	3		Math Elective	4			
	Math Elective	4		Free Elective	3			
	Free Elective	3		Free Elective	3			
Total Credits		**18**	**Total Credits**		**18**	**Total Credits**		