

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			Total Credits			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 Lab I	1	PH-UY 2131	General Physics Lab II	1			
PH-UY 2023	Electricity, Magnetism & Fluids	3	PH-UY 2033	Waves, Optics & Thermodynamics	3			
	HUSS Elective	4		HUSS Elective	4			
	Engineering Course	3		Engineering Course	3			
Total Credits			Total Credits			Total Credits		
Junior Year								
Fall Semester			Spring Semester			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MA-UY 4613	Analysis I	3	MA-UY 3014	Probability	2			
MA-UY 4204	Ordinary Differential Equations	4		OR				
	HUSS Elective	4	MATH-UA 233	Theory of Probability	2			
	Engineering Course	3	MA-UY 4413	Applied Partial Differential Equations	3			
	Free Elective	3	MA-UY 4434	Complex Variables	4			
				HUSS Elective	4			
				Engineering Course	3			
Total Credits			Total Credits			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 4113	Intro to Mathematical Statistics	3	MA-UY 4444	Mathematical Modeling	4			
MA-UY 4424	Introductory Numerical Analysis	4		Math Elective	3			
	Engineering Course	3		Math Elective	3			
	Math Elective	3		Free Elective	3			
	Free Elective	3		Free Elective	3			
Total Credits			Total Credits			Total Credits		