

Major:			Mechanical Engineering			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
EG-UY 1001	Engineering & Technology Forum	1	MA-UY 1124	Calculus II for Engineers	4			
EG-UY 1003	Intro to Engineering & Design	3	PH-UY 1013	Mechanics	3			
MA-UY 1024	Calculus I for Engineers	4	ME-UY 1012	Intro to Mechanical Engineering	2			
CM-UY 1001	General Chemistry for Engineers	4	CS-UY 1133	Engineering Problem Solving & Programming	3			
EXPOS-UA 1	Writing the Essay	4	EXPOS-UA 2	The Advanced College Essay	4			
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 2114	Calculus III: Multi-Dimensional Calculus	4	MA-UY 2034	Linear Algebra & Differential Equations	4			
PH-UY 2023	Electricity, Magnetism & Fluids	3	PH-UY 2033G	Waves, Optics & Thermodynamics	3			
PH-UY 2121	General Physics Lab I	1	PH-UY 2131G	Physics Lab 2	1			
ME-UY 2811	Materials Science Lab	1		HUSS Electives	4			
ME-UY 2813	Intro to Materials Science	3		HUSS Electives	4			
ME-UY 2213	Statics	3						
ME-UY 2211	Statics Lab	1						
ME-UY 2112	Computer Aided Design	2						
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
ME-UY 3333	Thermodynamics	3	ME-UY 3233	Machine Design	3			
ME-UY 3211	Mechanics & Materials Lab	1	ME-UY 3311	Fluid Mechanics Lab	1			
ME-UY 3213	Mechanics & Materials Lab	3	ME-UY 3313	Fluid Mechanics	3			
ME-UY 3511	Measurement Systems Lab	1	ME-UY 3411	Automatic Control Lab	1			
ME-UY 3513	Measurement Systems	3	ME-UY 3413	Automatic Control	3			
ME-UY 3223	Dynamics	3		STEM2 Elective	3			
MA-UY 2224	Data Analysis	4						
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
ME-UY 4112	Senior Design I	2	ME-UY 4113	Senior Design II	3			
ME-UY 4214	Finite Element Modeling, Design & Analysis	4		STEM2 Elective	3			
ME-UY 4311	Heat Transfer Lab	1		Free Elective	3			
	ME Elective	3		Free Elective	3			
	HUSS Elective	4		HUSS Elective	4			
Total Credits			Total Credits			Total Credits		