

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	First Year Forum	1	MA-UY 1124	Calculus II	4	PH-UY 2023	Electricity, Magnetism & Fluids	3
EG-UY 1003	Intro to Engineering & Design	3		OR		PH-UY 2121	General Physics Lab I	1
MA-UY 1024	Calculus I	4	MA-UY 1424	Integrated Calculus II	4			
	OR		PH-UY 1013	Mechanics	3			
MA-UY 1324	Integrated Calculus I	4	ME-UY 1012	Intro to Mechanical Engineering	2			
CM-UY 1004	General Chemistry	4	EXPOS-UA 2	Advanced College Essay	4			
EXPOS-UA 1	Writing the Essay	4	CS-UY 1133	Engineering Problem Solving & Programming	3			
Total Credits			Total Credits			Total Credits		
Sophomore Year								
Fall Semester - NYU AD			Spring Semester - NYU			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MATH-UH 1012	Mutivariable Calculus	4	MA-UY 2034	Linear Algebra & Differential Equations	4			
ENGR-UH 2011	Engineering Statistics	2	MA-UY 2224	Data Analysis	4			
ENGR-UH 2012	Engineering Conservation Laws	2	PH-UY 2033	Waves, Optics & Thermodynamics	3			
	Free Elective	3	PH-UY 2131	General Physics Lab II	1			
	CCEA-UH XXXX HUSS Elective	4	MT-UY 2811	Materials Science Lab	1			
			MT-UY 2813	Intro to Materials Science	3			
			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 of Materials Lab	1	ME-UY 3311	Fluid Lab	1			
ME-UY 3213	Mechanics of Materials	3	ME-UY 3313	Fluids	3			
ME-UY 3511	Measurement Systems Lab	1	ME-UY 3411	Controls Lab	1			
ME-UY 3513	Measurement Systems	3	ME-UY 3413	Controls	3			
ME-UY 3223	Dynamics	3		STEM ² Elective	3			
	HU/SS Elective	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 Design, Modeling & Analysis	4		Free Elective	3			
ME-UY 4311	Heat Transfer Lab	1		Free Elective	3			
ME-UY 4313	Heat Transfer	3		HU/SS Elective	4			
	HU/SS Elective	4						
	STEM ² Elective	3						
Total Credits			Total Credits			Total Credits		