

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		16	Total Credits		16	Total Credits		4
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	Multivariable 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		15	Total Credits		18	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		18	Total Credits		14	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		17	Total Credits		13	Total Credits		