

Major:			Computer 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
MA-UY 1024	Calculus I for Engineers	4	MA-UY 1124	Calculus II for Engineers	4			
CS-UY 1114	Intro to Programming & Problem Solving	4	PH-UY 1013	Mechanics	3			
EG-UY 1003	Intro to Engineering & Design	3	CS-UY 1134	Data Structures & Algorithms	4			
EG-UY 1001	Engineering & Technology Forum I	1	EE-UY 1012	Intro to Computer Engineering	2			
EXPOS-UA 1	Writing the Essay	4	OR					
			CS-UY 1012	Intro to Computer Engineering	2			
			EXPOS-UA 2	The Advanced College Essay	4			
Total Credits		16	Total Credits		17	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 2034	Linear Algebra & Differential Equations	4	MA-UY 2314	Discrete Mathematics	4			
PH-UY 2023	Electricity, Magnetism & Fluids	3	PH-UY 2033	Waves, Optics & Thermodynamics	3			
PH-UY 2121	General Physics Lab I	1	PH-UY 2131	General Physics Lab II	1			
CS-UY 2124	Object Oriented Programming	4	CS-UY 2204	Digital Logic & State Machine Design	4			
EE-UY 2004	Fundamentals of Electrics Circuits	4	EE-UY 3114	Fundamentals of Electronics I	4			
Total Credits		16	Total Credits		16	Total Credits		
Junior Year								
Fall Semester - NYUAD			Spring Semester - NYU			Summer Semester - NYU		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MATH-UH 1020	Multivariate Calculus with Applications to Science & Engineering	4	MA-UY 2224	Data Analysis	4	CM-UY 1004	General Chemistry for Engineers	4
ENGR-UH 3511	Computer Organization & Architecture	4		HUSS Elective	4			
	EE Elective	3		EE/CS Elective	3 or 4			
				EE/CS Elective	3 or 4			
Total Credits		11	Total Credits		14/16	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
EE-UY 4001	ECE Professional Development & Presentation	1	EE/CS 4xx3	Design Project II	3			
EE/CS 4xx3	Design Project I	3		EE/CS Elective	3 or 4			
	HUSS Elective	4		EE/CS/EL Elective	3			
	HUSS Elective	4		EE/CS/EL Elective	3			
	EE/CS Elective	3 or 4		HUSS Elective	4			
	Free Elective	3						
Total Credits		18/19	Total Credits		16/17	Total Credits		