Major:			Electrical & 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			
EG-UY 1003	Intro to Engineering & Design	3	PH-UY 1013	Mechanics	3			
EG-UY 1001	Engineering & Technology Forum	1	EE/CS 1012	Intro to Computer Engineering	2			
CS-UY 1114	Intro to Programming & Problem Solving	4		OR				
EXPOS-UA 1	Writing the Essay	4	EE-UY 1002	Intro to Electrical Engineering	2			
			CS-UY 1134	Data Structures & Algorithms	4			
			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 2114	Calculus III: Multi-Dimensional Calculus	4			
PH-UY 2023	Electricity, Magnetism & Fluids	3	MA-UY 2314	Discrete Mathematics	4			
PH-UY 2121	General Physics Lab I	1	PH-UY 2033	Waves, Optics & Thermodynamics	3			
CS-UY 2124	Object Oriented Programming	4	PH-UY 2131	General Physics Laboratory II	1			
EE-UY 2004	Fundamentals of Electric Circuits	4	CS-UY 2204	Digital Logic & State Machine Design	4			
	HUSS Elective	4	EE-UY 3114	Fundamentals of Electronics I	4			
Total Credits		**20**	**Total Credits**		**20**	**Total Credits**		

Junior Year

Fall Semester - NYUAD			Spring Semester - NYU			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
MATH-UH 3610	Functions of Complex Variables	4	CM-UY 1004	General Chemistry for Engineers	4			
ENGR-UH 2010Q	Probability & Statistics for Engineers	2	EE-UY 3604	Electromagnetic Waves	4			
ENGR-UH 3511	Computer Organization & Architecture	4		HUSS Elective	4			
ENGR-UH 3610	Signals & Systems	4		EE/CS Elective	3 or 4			
	EE Elective	3		EE/CS Elective	3 or 4			
Total Credits		**17**	**Total Credits**		**18/20**	**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/EL Elective	3			
	EE/CS Elective	3 or 4		EE/CS/EL Elective	3			
	EE/CS Elective	3 or 4		EE/CS Elective	3 or 4			
	Free Elective	3		HUSS Elective	4			
	HUSS Elective	4						
Total Credits		**17/19**	**Total Credits**		**16/17**	**Total Credits**		