

Major:			Electrical 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	CM-UY 1004	General Chemistry for Engineers	4			
EG-UY 1001	Engineering & Technology Forum	1	EE-UY 1002	Intro to Electrical Engineering	2			
EXPOS-UA 1	Writing the Essay	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	PH-UY 2033	Waves, Optics & Thermodynamics	3			
PH-UY 2121	General Physics Laboratory I	1	PH-UY 2131	General Physics Lab II	1			
EE-UY 2004	Fundamentals of Electric Circuits	4	EE-UY 3114	Fundamentals f Electronics I	4			
CS-UY 2204	Digital Logic & State Machine Design	4	CS-UY 2164	Intro to Programming in C	4			
Total Credits		16	Total Credits		16	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
MA-UY 3113	Advanced Linear Algebra & Complex Variables	3	EE-UY 3604	Electromagnetic Waves	4			
EE-UY 2233	Intro to Probability	3		EE Elective	4			
EE-UY 3054	Signals & Systems	4		EE Elective	4			
	EE Elective	3		HUSS Elective	4			
	HUSS Elective	4						
Total Credits		17	Total Credits		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 4XX3	Design Project I	3	EE 4XX3	Design Project II	3			
EE-UY 4001	ECE Professional Development & Presentation	1		EE/EL Elective	3			
	EE Elective	4		EE/CS/EL Elective	3			
	EE/EL Elective	3		Free Elective	3 or 4			
	HUSS Elective	4		HUSS Elective	4			
Total Credits		15	Total Credits		16/17	Total Credits		