

Major:			Civil 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			
CM-UY 1004	General Chemistry for Engineers	4	PH-UY 1013	Mechanics	3			
EXPOS-UA 1	Writing the Essay	4	EXPOS-UA 2	The Advanced College Essay	4			
EG-UY 1001	Engineering & Technology Forum	1	CS-UY 1133	Engineering Problem Solving & Programming	3			
EG-UY 1003	Intro to Engineering & Design	3	CE-UY 1002	Intro to Civil Engineering	2			
Total Credits		16	Total Credits		16	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	PH-UY 2131	General Physics Lab II	1			
PH-UY 2121	General Physics Lab I	1	PH-UY 2033	Waves, Optics & Thermodynamics	3			
PH-UY 2023	Electricity, Magnetism & Fluids	3	CE-UY 2123	Mechanics of Materials	3			
CE-UY 2343	Transportation Engineering	3	CE-UY 2213	Fluid Mechanics & Hydraulics	3			
CE-UY 2113	Statistics	3	CE/Construction/TR	Elective	3			
	HUSS Elective	4	MA-UY 2224	Data Analysis	4			
Total Credits		18	Total Credits		17	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
	HUSS Elective	4	CE-UY 3153	Geotechnical Engineering	3			
CE-UY 3133	Structural Analysis	3	CE-UY 3173	Structural Design	3			
CE-UY 3122	Structural Dynamics	2	CE-UY 3243	Water Resources Engineering I	3			
CE-UY 3223	Environmental Engineering I	3	CE/Construction/TR	Elective	3			
	Science Elective	3		HUSS Elective	4			
Total Credits		15	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
CE-UY 4153	Structural Design Project	3	CE-UY 4822	Civil Engineering Design II: Structural Design	2			
CE-UY 4092	Leadership, Business Principles, Policy & Ethics in Civil Engineering	2	CE-UY 3162	Materials Engineering	2			
CE-UY 4812	Civil Engineering Design I: Site Planning & Design	2	CE/Construction/TR	Elective	3			
CE/Construction/TR	Elective	3	CE/Construction/TR	Elective	3			
CE/Construction/TR	Elective	3		HUSS Elective	4			
	Free Elective	3						
Total Credits		16	Total Credits		15	Total Credits		