

Major:			Chemical and Biomolecular 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	BMS-UY 1004	Intro to Cell & Molecular Biology	4			
EXPOS-UA 1	Writing the Essay	4	CBE-UY 1002	Intro to Chemical & Biomolecular Engineering	2			
EG-UY 1003	Intro to Engineering & Design	3	EXPOS-UA 2	The Advanced College Essay	4			
EG-UY 1001	Engineering & Technology Forum	1	CS-UY 133	Engineering Problem Solving & Programming	3			
Total Credits		16	Total Credits			Total Credits		
Sophomore Year								
Fall Semester			Spring Semester - NYUSH			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
PH-UY 1013	Mechanics	3	CHEM-SHU 652	Physical Chemistry: Thermodynamics & Kinetics	4			
CM-UY 2213	Organic Chemistry I	3	CHEM-SHU 226	Organic Chemistry II	3			
MA-UY 2034	Linear Algebra & Differential Equations	4	PHYS-SHU 251	Electricity & Magnetism	4			
CBE-UY 2124	Analysis of Chemical & Biomolecylar Processes	4	MATH-SHU 123	Multivariable Calculus	4			
			PHYS-SHU 71	FoS Physics Lab	2			
Total Credits		14	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
CM-UY 3314	Biochemistry I	4	CBE-UY 3233	Chemical & Biomolecular Engineering Separations	3			
CBE-UY 3153	Chemical & Biomolecular Engineering Thermodynamics	3	CBE-UY 3223	Kineics & Reactor Design	3			
CBE-UY 3313	Transport I	3	CBE-UY 3323	Transport II	3			
PHY-UY 2033	Waves, Optics & Thermodynamics	3		Engineering Elective	3			
PH-UY 2131	General Physics Lab II	1		HUSS Elective	4			
	HUSS Elective	4						
Total Credits		18	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
CBE-UY 4113	Engineering Lab I	3	CBE-UY 4213	Engineering Lab II	3			
CBE-UY 4143	Process Dynamics & Control	3	CBE-UY 4173	Polymeric Materials	3			
CBE-UY 4163	Chemical & Biomolecular Process Design I	3	CBE-UY 4263	Chemical & Biomolecular Process Design II	3			
	Free Elective	3		Engineering Elective	3			
	HUSS Electives	4		HUSS Elective	4			
Total Credits		16	Total Credits		16	Total Credits		