

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			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 & Biomolecular Processes	4	MATH-SHU 123	Multivariable Calculus	4			
			PHYS-SHU 71	FoS Physics Lab	2			
Total Credits			Total Credits			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	Kinetics & 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			Total Credits			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			Total Credits			Total Credits		