

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 & Biomolecylar 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	PH-UY 1013	Mechanics	3			
Total Credits		16	Total Credits		17	Total Credits		
Sophomore Year								
Fall Semester			Spring Semester - NYU London			Summer Semester		
Course No.	Course Name	Credits	Course No.	Course Name	Credits	Course No.	Course Name	Credits
PH-UY 2023	Electricity, Magnetism, & Fluids	3	CHEM-UA 9226	Organic Chemistry II	5			
PH-UY 2121	General Physics Lab I	1	PH-UY 2033	Waves, Optics, & Thermodynamics	3			
MA-UY 2114	Calculus III: Multi-Dimensional Calculus	4	MA-UY 2034G	Linear Algebra & Differential Equations	4			
CM-UY 2213	Organic Chemistry I	3	PH-UY 2131	General Physics Lab II	1			
	Physical Chemistry	4		HUSS Elective	4			
Total Credits		15	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 and Biomolecular Engineering Thermodynamics	3	CBE-UY 3223	Kineics & Reactor Design	3			
CBE-UY 3313	Transport I	3	CBE-UY 3323	Transport II	3			
CS-UY 1133	Engineering Problem Solving & Programming	3		Engineering Elective	3			
				HUSS Elective	4			
Total Credits		13	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		