

Required Courses at Undergraduate

No.	Courses Name	Year	Please fill out your preference order (Select five courses at least)
1	Introduction to Chemical Engineering and Chemical Process Safety.	1	
2	Fundamentals of Computer Programming Languages	1	
3	Material and Energy Balances	2	
4	Engineering Mathematics (I)	2	
5	Engineering Mathematics (II)	2	
6	Transport Phenomena and Unit Operations (I)/ Transport Phenomena (I)	2	
7	Chemical Engineering Thermodynamics	3	
8	Transport Phenomena and Unit Operations (II)/ Transport Phenomena (II)	3	
9	Chemical Reaction Engineering	3	
10	Transport Phenomena and Unit Operations (III)/ Unit Operations	3	
11	Process Control	3	
12	Instrumental Analysis	3	
13	Process Design	4	
14	Introduction to Materials Science	2	
15	Biochemistry	2	
16	Introduction to Polymer Science	3	