

B.Sc Chemistry COURSE STRUCTURE (2019 Onwards)

Semester	Code No	Course Title	Hrs/Week	Total Hrs	Credits	Marks		
I	CHE1B01	Core Course I: Theoretical and Inorganic Chemistry- I	2	32	2	75		
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-		
II	CHE2B02	Core Course II: Theoretical and Inorganic Chemistry- II	2	32	2	75		
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-		
III	CHE3B03	Core Course III: Physical Chemistry-I	3	48	3	75		
	-	Core Course V : Inorganic Chemistry Practical-I	2	32	-*	-		
IV	CHE4B04	Core Course IV: Organic Chemistry-I	3	48	3	75		
	CHE4B05(P)	Core Course V : Inorganic Chemistry Practical-I	2	32	4	100		
V	CHE5B06	Core Course VI: Inorganic Chemistry-III	3	48	3	75		
	CHE5B07	Core Course VII: Organic Chemistry-II	4	64	3	75		
	CHE5B08	Core Course VIII: Physical Chemistry-II	3	48	3	75		
	-	Core Course XIV: Physical Chemistry Practical	5	80	-**	-		
	-	Core Course XV: Organic Chemistry Practical	5	80	-**	-		
	-	Core Course XVIII: Project Work	2	32	-**	-		
VI	CHE6B09	Core Course IX: Inorganic Chemistry-IV	3	48	3	75		
	CHE6B10	Core Course X: Organic Chemistry-III	3	48	3	75		
	CHE6B11	Core Course XI: Physical Chemistry-III	3	48	3	75		
	CHE6B12	Core Course XII: Advanced and Applied Chemistry	3	48	3	75		
	CHE6B13(E1)	Core Course XIII: Elective ***	1. Industrial Chemistry		3	48	2	75
	CHE6B13(E2)		2. Polymer Chemistry					
	CHE6B13(E3)		3. Medicinal and Environmental Chemistry					
	-	CHE6B14(P)	Core Course XIV: Physical Chemistry Practical	-	-	4**	100	
	-	CHE6B15(P)	Core Course XV: Organic Chemistry Practical	-	-	4**	100	
	-	CHE6B16(P)	Core Course XVI: Inorganic Chemistry Practical-II #	5	80	4	100	
-	CHE6B17(P)	Core Course XVII: Inorganic Chemistry Practical-III	5	80	4	100		
-	CHE6B18(Pr)	Core Course XVIII: Project Work	-	-	2**	75		
Total					55	1475		

* Exam will be held at the end of 4th semester

** Exam will be held at the end of 6th semester

*** An institution can choose any one among the three courses.

Includes industrial visit also. Marks: 85 (Inorganic Chemistry Practical-II) + 15 (Industrial visit).