

Course Matrix and Syllabus (Semesters III and IV)

Five Year Integrated B.Sc.(Hons.)-M.Sc. Program in Chemistry (under CBCS, *w.e.f.* Academic Session 2021-2022)



Offered By
**Department of Chemistry and Chemical
Sciences**

**CENTRAL UNIVERSITY OF JAMMU
Rahya-Suchani (Bagla), District-Samba
Jammu-181143, (J&K) India**

Semester – III

Course Code	Course	Type	Credits	Contact hours per week (L-T-P)
	Organic Chemistry-II	CC	4	3-1-0
	Physical Chemistry-II	CC	4	3-1-0
	Inorganic Chemistry-III	CC	4	3-1-0
	Organic Chemistry Lab-II	CC	2	0-0-4
	Physical Chemistry Lab-II	CC	2	0-0-4
	Inorganic Chemistry Lab-III	CC	2	0-0-4
	Botany	GE	4	3-1-0
	Botany Lab	GE	2	0-0-4
	Basic Analytical Chemistry	AEEC	2	2-0-0
	Total		26	

Semester – IV

Course Code	Course	Type	Credits	Contact hours per week (L-T-P)
	Organic Chemistry-III	CC	4	3-1-0
	Physical Chemistry-III	CC	4	3-1-0
	Inorganic Chemistry-IV	CC	4	3-1-0
	Organic Chemistry Lab-III	CC	2	0-0-4
	Physical Chemistry Lab-III	CC	2	0-0-4
	Inorganic Chemistry Lab-IV	CC	2	0-0-4
	Zoology	GE	4	3-1-0
	Zoology Lab	GE	2	0-0-4
	Green Methods in Chemistry	AEEC	2	2-0-0
	Total		26	

Examination Pattern

Course	Credit	CIA	MSE	ESE	Max. Marks
Theory	4	25	25	50	100
Theory	2	12.5	12.5	25	50
Practical	2	25	-	25	50