

**SEMESTER WISE COURSE STRUCTURE-DEPARTMENT OF CHEMISTRY-CUHP**

Semester	Total Credits	Core Compulsory	Credits	Credits	Core Open	Credits	
I	16	CCS 401- Organic Chemistry I	4				
		CCS 402 - Inorganic Chemistry I	4				
		CCS 403 - Physical Chemistry I	4				
		CCS 404 - Organic Chemistry Lab I	2				
		CCS 405 - Inorganic Chemistry Lab I	2				
II	14	CCS 406 - Physical Chemistry Lab I	2	2			
		CCS 407 - Organic Chemistry II	4				
		CCS 408 - Inorganic Chemistry II	4				
		CCS 409 - Physical Chemistry II	4				
III	4	CCS-501- Chemistry General-(Interdisciplinary topics)	4	6	CCS 411- Statistical error, electrochemical analysis, environmental analysis	2	
					CCS 538 – Biochemistry-I	2	
					CCS 540- Advanced Stereochemistry	2	
IV	6	CCS 565- M.Sc. Project	6	4	Computer applications in chemistry-I/II	4	
Semester	Total Credits	Elective specialization		Semester	Total Credits	Elective specialization	Credits
III	8	CCS 566- SP-I (Organic Chemistry)	2	IV	8		
		CCS 567- SP-II (Inorganic Chemistry)	2				
		CCS 568- SP-III (Physical Chemistry)	2				
		CCS 569- Advance Practical (Organic+Inorganic+Physical Chemistry Lab)	2				
Semester	Total Credits	Human Making & Skill Development courses		Semester	Credits	Elective Open	Credits
I	4	HM -I	2	III	2	CCS 559- Advance Analytical techniques	2
		SD- I	2				
II	4	HM -II	2	IV	2		2
		SD- II	2				

