

M.Sc. Organic Chemistry Part-II

Course Structure (According to NEP-2020 of SPPU)

Sr. No.	Course Name	Course Code	Major Core/ Major elective	Credits
Semester III				
1.	Organic Reaction Mechanism and Stereochemistry	CHO-601 MJ	Major Core	4T
2.	Advanced Spectroscopic Methods in Structure Determination	CHO-602 MJ	Major Core	4T
3.	Heterocyclic Chemistry	CHO-603 MJ	Major Core	2T
4.	Organic Synthesis Experiments	CHO-604 MJP	Major Core	2P
5.	Ternary Mixture Separation	CHO-605 MJP	Major Core	2P
6.	Synthetic methods in Organic Chemistry	CHO-610 (A) MJ	Major elective	4T
	Carbohydrates and Chiron approach	CHO-610 (B) MJ	(Any Two)	(2 credits for each course)
	Medicinal Chemistry	CHO-610 (C) MJ		
7.	Research Project (RP)	CHO-631 RP	Research Project	
Semester IV				
1.	Chemistry of Natural Products	CHO-651 MJ	Major Core	4T
2.	Advanced Synthetic Organic Chemistry	CHO-652 MJ	Major Core	4T
3.	Convergent and Divergent Organic Synthesis	CHO-653 MJP	Major Core	2P
4.	Green Chemistry Experiments	CHO-654 MJP	Major Core	2P
5.	Asymmetric Synthesis	CHO-660 (A) MJ	Major elective	4T
	Applied Organic Chemistry	CHO-660 (B) MJ	(Any Two)	(2 credits for each course)
	Industrial Organic Chemistry	CHO-660 (C) MJ		
6.	Research Project (RP)	CHO-681 RP	Research Project	6