

Indrashil University



Department of Chemistry
School of Science

B.Sc. 2023-2027
Sem VII-VIII

Chemistry

Course Profile

Academic Year 2026-2027

**B.Sc. Chemistry Semester VII
Course Structure**

Course Code	Course Name	Course Type	L-T-P	Credits
CH4 101-UG	Logics in Organic Reaction and Mechanism	Major Discipline Core (MDC)	4-0-0	4
CH4 102-UG	Coordination Chemistry		4-0-0	4
CH4 103-UG	Quantum Chemistry and Spectroscopic Techniques		4-0-0	4
CH4 104-UG	Advanced Magnetic Resonance and Mass Spectrometry	Minor Discipline Elective (MDE)	4-0-0	4
CH4 105-UG	Research Project/On-the-Job Training (OJT)	Skill Enhancement Course (SEC)	0-0-12	6
Total			16L+0T+ 12P = 28h	22

**B.Sc. Chemistry Semester VIII
Course Structure**

Course Code	Course Name	Course Type	L-T-P	Credits
CH4 201-UG	Natural Products Chemistry	Major Discipline Core (MDC)	4-0-0	4
CH4 202-UG	Contemporary Inorganic Chemistry		4-0-0	4
CH4 203-UG	Surface and Materials Chemistry		4-0-0	4
CH4 204-UG	Modern Instrumental Analysis	Minor Discipline Elective (MDE)	4-0-0	4
CH4 205-UG	Research Project/On-the-Job Training (OJT)	Skill Enhancement Course (SEC)	0-0-12	6
Total			16L+0T+ 12P = 28h	22
