

	First Year
1. Introduction to the Course	
2. Basic Principles of Chemistry	
3. Atomic Structure and Periodic Table	
4. Chemical Bonding and Molecular Structure	
5. States of Matter	
6. Thermodynamics	
7. Equilibrium	
8. Redox Reactions	
9. Hydrogen and s-Block Elements	
10. p-Block Elements (Groups 13-18)	
11. d-Block Elements (Transition Metals)	
12. f-Block Elements (Lanthanides and Actinides)	
13. Environmental Chemistry	
14. Practical Skills and Laboratory Techniques	
15. Final Review and Assessment	

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