

CHEM 351 : Molecular Biology and Biochemistry I

This course is an introduction to the structural organization and chemical compositions of cells and to fundamental chemical processes carried on inside organelles. Included are enzymatic action, transport across biological membranes, and basic metabolic pathways as they relate to cell structure. The laboratory focuses on current techniques for the isolation and analysis of basic biomolecules and on some practical applications of enzymology. (This course may be taken for credit as

[BIOL 351](#)

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Credits 4.0

Prerequisites

CHEM 211, 212.