

BIO 401: Advanced Biochemistry and Molecular Biology

Macromolecular structures and conformations will be investigated as well as methods of physical biochemistry. Protein-ligand interactions and thermodynamics will be covered. Regulation of metabolic cycles and hormones will be covered. DNA technology and methods of molecular biology will be covered in detail. The biochemistry of selected disease states will be covered in the form of case study investigations with discussions. Three lecture hours and three laboratory hours per week. This course is the same as CHE 401. No credit will be awarded to students who have taken CHE 401.

Credits: Credits 4

Prerequisites:

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BIO/CHE 301 with a grade of "C" or better, or permission of instructor

Semester Offered:

Semester Offered

Offered at departmental discretion.