

Instructor: Dr. Lawrence Norcio
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COURSE DESCRIPTION:

Basic Biochemistry, **Chem 351**, is intended for Biology Majors. Lecture topics will include the structure and function of biologically important macromolecules like proteins, carbohydrates, lipids. It will also cover bioenergetics, biological catalysis, vitamins, and biological membranes. Having taken a full year of organic chemistry is a prerequisite.

COURSE OBJECTIVE:

The objective of this course is to provide the basic knowledge necessary in Biochemistry.

REFERENCES:

"Biochemistry-Concepts and Connections, 2nd Edition" by **Appling**, Anthony-Cahill and Mathews; Pearson, 2019.

"Lehninger, Principles of Biochemistry"; D.L. **Nelson** and M.M. **Cox**, Worth Publishers, New York 2000.
(Available at the reserve section of Lovejoy Library)

"Biochemistry" by J. M. Berg, J. L. Tymoczko, and L. **Stryer**; Freeman, 2012.

GRADING SYSTEM:

Distribution:

3 Weekly Exams	300
Online HW assignments	<u>100</u>
	400 pts

Scale

A ≥ 90% B ≥ 80% C ≥ 70% D ≥ 60% F < 60%