

CHE343: Lipid Biochemistry

This course will explore the structural and functional diversity of lipids. The structures and synthesis of a variety of lipids including fatty acids, triglycerides, cholesterol and steroids, Phospholipids, eicosanoids, and sphingolipids will be presented. The roles of lipids in membrane transport and signaling processes will also be examined. Additionally, pathways involving the absorption, storage, and mobilization of lipids in response to hormones will be studied. Defects in lipid metabolism impacting human health will be addressed.

Credit Hour(s): 1

Prerequisites:

CHE309.

Department: Chemistry

Semester Offered:

Spring