

SCHEDULE:

Date	Experiment
Sep 1	Check in - Introduction
Sep 8	I. Using Pipettors/ TLC of Amino Acids Prelab Reading Assignment Chapter 1 – Biochemistry Boot Camp (pages 1-36) and Ion-Exchange Chromatography (pages 121-135).
Sep 15	I. Beer's Law and Absorption Spectra Prelab Reading Assignment pages 63-81 II. Carbohydrates Obtain the handout for this lab from the Lab handout folder on the library's eReserve webpage.
Sep 22	I. Carbohydrates II. Beer's Law and Absorption Spectra
Sep 29	I. Protein Sequence & Structure Database Obtain the handout for this lab from the Lab handout folder on the library's eReserve webpage. II. Buffer Preparation Prelab Reading Assignment - Pages 37-62
Oct 6	I. Buffer Preparation II. Protein Sequence & Structure Database
Oct 13	LDH Extraction Prelab Reading Assignment 89-100, 109-120
Oct 20	I. LDH Q Sepharose Ion Exchange Chromatography Prelab Reading Assignment 121-143, 145-152 II. LDH Kinetics Prelab Reading Assignment 94-100, 111-112, 211-220, 231-238
Oct 27	I. LDH Kinetics II. LDH Q Sepharose Ion Exchange Chromatography
Nov 3	SDS-PAGE of LDH – Quaternary Structure of LDH Prelab Reading Assignment 239-250, 251-256
Nov 10	LDH Specific Activity and Concentration Prelab Reading Assignment 98-100, 104, 106-107, 205
Nov 17	SDS-PAGE – Subunit Molecular Weight of LDH Preparations and Native Gradient Page Prelab Reading Assignment 239-250, 263-268
Dec 1	I. GC-MS of Fatty Acid Esters
Dec 11	Final Exam