

Biochemistry I (CHEM 461)
Lab Schedule

Fall 2009

	Dates	Topic
Week 1	8/10 Sept.	Introduction to Lab: Solutions and Dilutions and Colorimetric Assays: Bradford Assay for Protein (Report due week of 15 Sept.)
Week 2	15/17 Sept.	Bioinformatics / Protein Structure – Part I (bring your laptop to lab)
Week 3	22/24 Sept.	Bioinformatics / Protein Structure – Part II (bring your laptop to lab)
Week 4	29 Sept./1 Oct.	Bioinformatics / Protein Structure – Part III (bring your laptop to lab)
Week 5	6/8 Oct.	Electrophoresis of Proteins
Week 6	13/15 Oct.	Western Blotting (Combined report due week of 20 Oct.)
Week 7	20/22 Oct.	Chromatography Challenge, Part I (Flow chart from this week due at beginning of next lab session.)
Week 8	27/29 Oct.	Chromatography Challenge, Part II (Modified flow chart and fractions due at the end of this lab session.)
Week 9	3/5 Nov.	Protein Purification, Part I
Week 10	17/19 Nov.	Protein Purification, Part II (Report due week of 1 Dec.)
	24/26 Nov.	Thanksgiving – No Lab
Week 11	1/3 Dec.	Enzyme Kinetics, Part I
Week 12	8/10 Dec.	Enzyme Kinetics, Part II (Report due by noon on lab day during finals week.)

All reports are due at the beginning of the lab period in the indicated week.