

CHEM 142 - Summer II 2025: Tentative Schedule

Day	Date	Chapters	Lectures	HW *	Exams	Suggested plan for the day	Chapter sequence and topics	
WEEK 1 Mon	14-Jul	5	5.1			Syllabus; Lec 5.1	Ch 5: Thermochemistry Ch 13: Properties of Solutions	
Tue	15-Jul	5	5.2-5.3	HW1		Lec 5.3-5.4; HW1	----- Exam 1 -----	
Wed	16-Jul	5	5.4	HW2		Lec 5.4; HW2	Ch 15: Chemical Equilibrium	
Thu	17-Jul	13	13.1-13.2			Lec 13.1-13.3	Ch 16: Acid-Base Equilibria	
Fri WEEK 2	18-Jul	13	13.4	HW3		Lec 13.4; HW3; study for Exam 1	Ch. 17: Aqueous Equilibria ----- Exam 2 ----- Ch 19: Chemical Thermodynamics	
Mon	21-Jul	15	15.1		EXAM 1	Take Exam 1 ; Lec 15.1	Ch 20: Electrochemistry	
Tue	22-Jul	15	15.2-15.4	HW4		Lec 15.2-15.4; HW4	Ch 14: Chemical Kinetics	
Wed	23-Jul	16	16.1-16.2			Lec 16.1-16.2	----- Exam 3 -----	
Thu	24-Jul	16	16.3-16.5			Lec 16.3-16.5	Ch 21: Nuclear Chemistry	
Fri	25-Jul	16	16.6	HW5		Lec 16.6; HW5	----- Final Exam -----	
WEEK 3								
Mon	28-Jul	17	17.1-17.2			Lec 17.1-17.2		
Tue	29-Jul	17	17.3-17.4			Lec 17.3-17.4	Exam coverage	
Wed	30-Jul	17		HW6		HW6; study for Exam 2	Chapters HW	
Thu	31-Jul	19	19.1		EXAM 2	Take Exam 2 ; Lec 19.1	EXAM 1 5, 13 1-3	
Fri	1-Aug	19	19.2-19.3	HW7		Lec 19.2-19.3; HW7	EXAM 2 15-17 4-6	
							EXAM 3 19, 20, 14 7-10	
WEEK 4							FINAL EXAM 21 11 + cumulative	
Mon	4-Aug	20	20.1-20.2			Lec 20.1-20.2		
Tue	5-Aug	20	20.3	HW8		Lec 20.3; HW8		
Wed	6-Aug	14	14.1-14.2			Lec 14.1-14.2		
Thu	7-Aug	14	14.3-14.4	HW9		Lec 14.3-14.4; HW9	Homework assignments due dates	
Fri	8-Aug	14	14.5-14.6	HW10		Lec 14.5-14.6; HW10; study for Exam 3	HW1-3 All due on Sun 7/20	
							HW4-6 All due on Wed, 7/30	
WEEK 5							HW7-10 All due on Sun, 8/10	
Mon	11-Aug	21	21.1-21.2		EXAM 3	Take Exam 3 ; Lec 21.1-21.2	HW11 Due on Tue, 8/12	
Tue	12-Aug	21	21.3-21.4	HW11		Lec 21.3-21.4; HW11		
Wed	13-Aug				FINAL EXAM	Take the Final Exam		

* The HW dates indicated in this column are *suggested* dates, when the assignments *should* be completed.

The **due** dates for all assignments are at midnight before the exams. The specific due dates are indicated in the table above