

SCHEDULE FOR SUMMER SEMESTER 2019

You must register for both summer sessions (section 910 and 920) to obtain a grade for this 1 credit unit course.

WEEK	DATES	REPORT	EXPERIMENT	PAGE
1	5/28		Lecture for #1 10 am Rm B13 Chemistry	
	5/29	#1	After lecture: Check-in (Rm 3)	17
	5/30		<u>Solids: Recrystallization and Melting Points</u>	23
			Continue #1	
2	6/04		Lecture for #2 , Complete #1	
	6/06	#2	<u>Extractions: Two-Base Extraction, Natural Product Isolation</u>	31
	6/06		Lab Report #1 Due , Continue #2	
3	6/11		Lecture for #3 , Complete #2	
	6/12	#3	Lab Report #1 Returned	
	6/13		<u>Liquids: Simple and Fractional Distillation, Steam Distillation, Gas Chromatography</u>	36
			Lab Report #2 Due ; Continue #3	
4	6/18		Lecture for #4 , Complete #3	
	6/19	#4	Lab Report #2 Returned	
			Lecture for #5 , Lab Report #3 Due ;	
			<u>Alkanes and Alkenes: Preparation, Reactions and Properties</u>	
			<u>Part 1: Chlorination of 1-Chlorobutane</u>	
			<u>Part 2: Dehydration of 2-ethylcyclohexanol</u>	43
	6/20		Continue #4	
	6/21		Lab Report #3 Returned (no lab)	
5	6/25		Hour Exam I (Expts 1-3)	
	6/26	#5	Complete #4	
			<u>Chemistry of Carbonyl Compounds: Cannizzaro reaction, Aldol condensation, Classification Tests</u>	58
	6/27		Graded Exams available in lab	
			Lab Report #4 Due , Continue #5	
6	7/02		Lecture for #6 , Complete #5	
	7/03		Lab Report #5 Due, Lab Report #4 Returned	
	7/04		Make-up session	
			NO LAB– Happy July 4 th	

WEEK	DATES	REPORT	EXPERIMENT	PAGE
7	7/09 7/10 7/11	#6	<u>Diels-Alder Reaction, Catalytic Hydrogenation</u> Continue #6 Lecture for #7, Rm B13, Complete #6	63
8	7/16 7/17 7/18	#7	Lab Report #6 Due, Lab Report #5 Returned <u>Grignard Synthesis</u> Continue #7 Lecture for #8 (part a), Complete #7 Lab Report #6 Returned	70
9	7/23 7/24 7/25	#8	Hour Exam II (Expts 4-6), Make-up session: 11:00-2:30 pm <u>Six-Step Synthesis:</u> <u>aniline to 1-bromo-3-chloro-5-iodobenzene</u> Graded Exams available in lab Lecture for #8 (part b), Continue #8 Lab Report #7 Due	78
10	7/30 7/31 8/1		Continue #8 Continue #8 Continue #8 Lab Report #7 Returned	
11	8/6 8/7 8/8 8/9		Continue #8 Hour Exam III (Expts 7-8), Complete #8 Make-up session, Check Out Graded Exams available at check out Special Lab Report #8 due by noon	

THERE WILL BE NO FINAL EXAM IN CHEMISTRY 245.

Important Dates (<http://www.sas.upenn.edu/summer/calendar>)

Last day to drop from Summer Session I with no financial obligation June 4, 2019

Last day to drop from Summer Session I with 50% financial obligation June 14, 2019

Last day to withdraw Summer Session I (full financial obligation) June 26, 2019

Last day to drop from Summer Session II with no financial obligation July 12, 2019

Last day to drop from Summer Session II with 50% financial obligation July 20, 2019

Last day to withdraw from Summer Session II (full financial obligation) August 2, 2019