

Week	Begins	Theme	In Class	Lecture 1	Lecture 2	Lab	HW
1	8/17	Intro	Intro + Safety Lecture	Analytical Perspective	Analyst's Toolbox	MD Intro @ Home	Chemistry Review
2	8/24	Signals and Noise	Distributions in R	Distributions	Errors and CIs	GC Lab 1	Errors & CIs
3	8/31	Data Analysis		Reproducible Research	QA/QC + Standards	GC Data @ Home	-
4	9/7	Quantitative Analysis	No Meeting	Standardization	Blanks	UV-vis (Labster)	Making Solutions
5	9/14	Instrumentation Survey	Exam 1	Survey 1 + 2	Survey 3 + 4	UV-vis Data @ Home	
6	9/21	Spectroscopy		Spectroscopy	Optics	Rotation	Instrument Quizzes
7	9/28	Spectroscopy		UV-vis: Theory	UV-vis: Instruments	Rotation	
8	10/5	Spectroscopy		Luminescence: Theory	Atomic: Theory	Rotation	
9	10/12	Spectroscopy		Atomic: Instruments	FT-IR	Rotation	
10	10/19	Spectrometry	Exam 2	MS	Structural Det.	Rotation	
11	10/26	Spectrometry		Structural Det.	Structural Det.	Rotation	
12	11/2	Separations	Structural Det.	Chromatography	LC	Rotation	
13	11/9	Separations		GC	TBA	Rotation	
14	11/16	Review	Exam 3	TBA	TBA	Rotation + Cleanup	
15	11/23	Thanksgiving Project	<i>Remote</i>	-	-	-	Exam 4
FINAL	11/30		<i>Remote</i>	Presentations (Final)	Presentations (Final)	Final Paper	