

Strategies and Tactics in Synthetic Medicinal Chemistry
Lecture Schedule
Spring 2016

Month	Day	Topic	Assignments
Jan.	Wed, 20	Introduction, Synthesis planning	Warren ¹ , Chaps. 2-6
	Mon, 25	Synthesis planning	Warren ¹ , Chaps. 7-12
	Wed, 27	Synthesis planning	Warren ¹ , Chaps. 13-18
Feb.	Mon, 1	Synthesis planning	Warren ¹ , Chaps. 19-23
	Wed, 3	Strategies for Aromatics	Warren ¹ , Chaps. 24-28
	Mon, 8	Strategies for Aromatics	
	Wed, 10	Exam #1	Warren ¹ , Chaps. 29-32
	Mon, 15	Protecting groups	Warren ¹ , Chaps. 33-38
	Wed, 17	Protecting groups	Warren ¹ , Chaps. 39,40
	Mon, 22	Protecting groups	Wyatt ² , Chaps. 2-4
Mar.	Wed, 24	Protecting groups	Wyatt ² , Chaps. 5,6
	Mon, 29	Protecting groups	Wyatt ² , Chaps. 7-9
	Wed, 2	Polarity reversal	Wyatt ² , Chaps. 10,11
	Mon, 7	Polarity reversal	
	Wed, 9	Exam #2	Wyatt ² , Chaps. 12-14
	3/14-3/18	Spring Break	
	Mon, 21	Templates and Chelation	Wyatt ² , Chaps. 15-19
Apr.	Wed, 23	Templates/Asymmetric Synthesis	Wyatt ² , Chaps. 20,21
	Mon, 28	Asymmetric synthesis	Wyatt ² , Chaps. 22,23
	Wed, 30	Asymmetric synthesis	Wyatt ² , Chaps. 24
	Mon, 4	Photochemistry	Wyatt ² , Chaps. 25,26
	Wed, 6	Photochemistry/Extreme synthesis	Wyatt ² , Chaps. 27
	Mon, 11	Extreme synthesis	Wyatt ² , Chaps. 28,29
	Wed, 13	Supported synthesis	
May	Mon, 18	Exam #3	Wyatt ² , Chaps. 30
	Wed, 20	Examples	Wyatt ² , Chaps. 31,32
	Mon, 25	Examples	Wyatt ² , Chaps. 33
	Wed, 27	Examples	Wyatt ² , Chaps. 34,35
	Mon, 2	Examples	Wyatt ² , Chaps. 36

¹Reading Assignments from Warren and Wyatt, *Organic Synthesis, The Disconnection Approach*, 2nd Ed.

²Reading Assignments from Wyatt and Warren, *Organic Synthesis, Strategy and Control*

STUDENTS ARE TO HAVE READ CHAPTER 1 IN BOTH BOOKS BEFORE THE FIRST CLASS SESSION.