

DMS Biochemistry Course Schedule 105 Autumn

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Textbook: Essential Biochemistry (3rd edition, 2014)

TA : to be announced

Week	Date	Topic	Instructor
1	09/12	Ch01 The chemical basis of life	呂老師
	09/14	Ch02 Aqueous Chemistry	
2	09/19	Ch04 Protein structure	呂老師
	09/21	Ch04 Protein structure	
3	09/26	Ch05 Protein function	呂老師
		Ch05 Protein function	
4	10/03	Ch05 Protein function	呂老師
	10/05	Ch06 How enzyme works	
5	10/12	Ch07 Enzyme kinetics and inhibition	呂老師
	10/15	Ch11 Carbohydrates	
6	10/17	Ch11 Carbohydrates	TA
	10/19	Midterm exam I	
7	10/24	Ch3 From genes to proteins	彭老師
	10/26	Ch8 Lipid and membranes	
8	10/31	Ch9 Membrane transport	彭老師
	11/02	Ch10 Signaling	
9	11/07	Ch20 DNA replication and repair	彭老師
	11/09	Ch20 DNA replication and repair	
10	11/14	Ch21 Transcription and RNA	彭老師
11	11/21	Ch21 Transcription and RNA	彭老師
	11/23	Ch22 Protein synthesis	
12	11/28	Ch22 Protein synthesis	TA
	11/30	Midterm exam II	
13	12/05	Ch12 Metabolism and bioenergetics	詹老師
	12/07	Ch13 Glucose metabolism	
14	12/12	Ch14 The citric acid cycle	詹老師
	12/14	Ch15 Oxidative phosphorylation	
15	12/19	Ch17 Lipid metabolism	詹老師
	12/21	Lipid metabolism	
16	12/26	Ch18 Nitrogen metabolism	詹老師
	12/28	Ch18 Nitrogen metabolism	

17	01/04	Ch19	Regulation of mammalian fuel metabolism	詹老師
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18	01/09		Final exam	TA
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