

New York University, Department of Biology
Fall 2016 Schedule for Principles of Biology I (BIOL.UA.11)

Month	Date	Day	Lecture Topic	Chapters	Lecturer	Week	Recitation Faculty in charge	Lecture(s) covered in recitation
Sept.	7	W	Introductions, Approaches to Biology, Water	1, 3	Small	1	No recitation	
	12	M	The Molecules of Life	2, 4, 5	Small	2	Introduction, Small	7-Sep and 12-Sep
	14	W	Membranes	7	Small			
	19	M	Cells	6	Small	3	Small	14-Sep and 19-Sep
	21	W	Signaling, transduction	11	Small			
	26	M	Energy in Cells: Metabolism	8	Fitch	4	Small and Fitch	21-Sep and 26-Sep
	28	W	Energy in Cells: Respiration and Fermentation	9	Fitch			
Oct.	3	M	Energy in Cells: Photosynthesis	10	Fitch	5	Fitch	28-Sep and 30-Sep
	5	W	Genetic Information: Nucleic Acids and the Gene Concept	5, 16	Fitch			
	10	M	Fall Recess (no class)			6	Fitch	3-Oct and 5-Oct
	12	W	Review Session (Small, Fitch)					
	14	Fri.	MIDTERM EXAM 1 (2:00 - 3:45 PM) Material from Sept. 7 - Oct. 3 lectures, recitations weeks #2-5					
	17	M	Replication	16	Fitch	7	Fitch	17-Oct
	19	W	Prokaryotic Transcription	17,18	Small			
	24	M	Eukaryotic Transcription, Splicing, RNA Transport	17,18	Small	8	Small	19-Oct and 24-Oct
	26	W	Translation	17	Small			
	31	M	Modern Methods in Biology I	20	Small	9	Small	26-Oct and 31-Oct
Nov.	2	W	Modern Methods in Biology II	20	Small			
	7	M	Systems: Principles of gene regulation	18	Small	10	Small	2-Nov and 7-Nov
	9	W	Review session (Fitch, Small)					
	11	Fri.	MIDTERM EXAM 2 (2:00 - 3:45 PM) Material from Oct. 5 - Nov. 7 lectures, recitations weeks #7-10					
	14	M	Systems: Gene regulation in development	18	Small	11	Small	14-Nov
	16	W	Heredity: Mitosis and cell cycle regulation	12	Small			
	21	M	Heredity: Meiosis and Mendel	13, 14	Fitch	12	No Recitation	
	23	W	Thanksgiving recess (no class)					
	28	M	Heredity: Genes on Chromosomes	14, 15	Fitch	13	Fitch	21-Nov and 28-Nov
	30	W	Heredity: Gene Interactions (epistasis), Other Inheritance	15	Fitch			
Dec.	5	M	Heredity: Genes in Populations (Hardy Weinberg)	23	Fitch	14	Fitch	30-Nov and 5-Dec
	7	W	Evolution: Deviations from Equilibria	23	Fitch			
	12	M	Evolution: Selection	22, 23	Fitch	15	No Recitation	
	13	T*	Evolution: Speciation & Phylogeny	24, 26	Fitch			
	14	W	Review session (Small, Fitch), Course evaluations					
	21	W	FINAL EXAM (10:00 - 11:45 PM) Material from Nov. 14-Dec. 13th lectures, recitations weeks #11, 13, 14					