

# Biology 1200 January-April 2020 SCHEDULE

WEEK OF:	TOPIC	LECTURE	LABS	ACTIVITIES
		Textbook chapter(s)		Labs in Morgan, Carter (MC) Investigating Biology
Jan-06	Introduction/chemistry	2	Mon Jan 6	4:30 Chemistry demo
	Cellular chemistry - carbon	3		
	Carbon/functional groups	3	Wed Jan 8	4:30 Biochemistry lab: elodea (handout)
Jan-13	Macromolecules	5	Mon Jan 13	3:30 Identifying macromolecules (handout)
	Water	4	Wed Jan 15	3:30 Water lab
	Cell structure and function	6	Thur Jan 16	3:30 Lab 3 (3.5) microscopes & cells
Jan-20	Cell membranes & transport	7	Wed Jan 22	3:30 Snausages experiment
			Thurs Jan 23	4:00 Lab 4 (4.1, 4.2, 4.3) diffusion and osmosis
Jan-27	Bioenergetics	8		
	Enzymes	9	Mon Jan 27	4:00 Lab - cellular respiration - BC
			Wed Jan 29	3:30 Lab 2 (2.1, 2.2) enzymes
<b>Jan-31</b>	<b>Midterm 1</b> Chapters 2,3,4,5,6,7,8 (chemistry, cells, bioenergetics)			
Feb-03	DNA structure/replication/repair	16	Mon Feb 3	3:30 dna kits
	DNA gene to protein& cell cycle	17, 12	Wed Feb 5	4:00 Lab 10 (10.1,10.2) molecular biology(pipetting)
			Thur Feb 6	3:30 Forensics DNA lab (handout) - <b>Write-up</b>
Feb-10	Biotechnology and DNA	20		
	Plant structure	35	Thur Feb 13	3:30 Lab 19 (19.1, 19.2, 19.3, 19.4) plant anatomy
Feb-17	FAMILY DAY - no class			
Feb-19	<b>Midterm 2</b> Chapters 9,12,16,17,20 (enzymes, DNA, biotechnology)			
	Plant nutrition	37		
TBA	<b>Field Trip - genetics lab</b>			
Feb-24	SPRING BREAK - no class			
Feb-26	Plant response	39		
	Plant structure & growth	35	Thurs Feb 27	3:30 Lab 20 (20.1, 20.2,20.3,20.4) plant growth
Mar-02	Plant reproduction	38	Mon Mar 2	3:30 Lab 20.4 - student experiment set up- <b>Write-up</b>
			Wed Mar 4	3:30 Lab 20.4 - student experiment data collection
Mar-09	Animal structure/function	40		
	Animal digestion	41		
	Animal circulation/gas exchange	42		
Mar-16	<b>Midterm 3</b> Chapters 35,36,37,38, 39 (plants)		Thur Mar 19	4:00 Lab 21.1 tissues & skin Fetal pig dissection lab 21.2 and 21.3
23-Mar	Animal nervous systems	48&49		

	Animal sensory systems	50
Mar-30	Animal reproduction	46
	Animal Development	47
Apr-06	Development	47
Apr-08	Student posters	
TBA	<b>Final exam</b>	
	Chapters 40,41,42,44,45,46,47,48,49,50 (animals)	

Wed Mar 25	4:30 eye dissection
Thurs Mar 26	3:30 Senses lab from 093
Thurs Apr 6	3:30 Lab 24 (24.1, 24.2, 24.3, 24.4) animal develop.
Wed Apr 8	STUDENT POSTER PRESENTATIONS
	Note: this schedule is subject to changes