Biology 200 Class Schedule

Instructor	*Instructor*	*Lab Coordinator*
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Text: *Biological Science, 6th Edition,* Freeman
Lecture: M-Tu-W -F, 2:30 pm to 3:20 pm, KNE120
Class Web Site: **https://canvas.uw.edu/courses/1137451**
Labs: Hitchcock 143, 147

Wk	Day	Date	Lecture Topic	Class Readings	Lab
1	M	Apr 1	Info Flow I: Genotype to Phenotype/Core concepts	Review Table 14.1; 445-446 (Fig. 22.10)	Central Dogma
	Tu	Apr 2	Info Flow I: Molecular Genetics	336-340 (Fig.16.2, 16.4)	
	W	Apr 3	Info Flow I: Chemistry of Life	58-59, 68-69, 73-75 (Fig 2.7, 2.18, Table 2.3)	
	Th	Apr 4	**REVIEW & CORE CONCEPTS**		
	F	Apr 5	Info Flow I: DNA Structure & Genomics	94-99 (Fig.4.1, 4.2, 4.3, 4.4)	
2	M	Apr 8	Info Flow II: Transcription	p. 101-102 (Table 4.1); p. 338 Fig 16.3, p. 348-352 (Fig 17.1-17.3, Table 17.1)	Enzyme Lab
	Tu	Apr 9	Info Flow II: Translation	p. 340-343 (Fig 16.6); 355-362 (Fig. 17.11-17.16)	
	W	Apr 10	Structure Function: Protein Structure & Mutations	p.78-88 (Fig 3.2, 3.5, 3.6, 3.11); p.344-346 (Table 16.1) p.396-397.	
	Th	Apr 11	**REVIEW**		
	F	Apr 12	Structure Function: Protein Structure & Enzymes	177-184 (Fig.8.9, 8.11,8.13, 8.16, 8.17), p. 446-448.	
3	M	Apr 15	**EXAM I**		CURE 1
	Tu	Apr 16	Structure Function: Lipids, Membranes & Gradients	120-126 (Fig.6.5, 6.8)	
	W	Apr 17	Structure Function: Membrane Transport	130-136 (Fig.6.21); 153 (Table 7.1); 157 (Fig. 7.19)	
	Th	Apr 18	**REVIEW**		
	F	Apr 19	Structure Function: Protein Trafficking	158-160,163-166 (Fig. 7.20, 7.21, 7.27)	
4	M	Apr 22	Energy transform: Energy Storage	110-113 (Table 5.1); 115-117 (Fig. 5.8); 171-173 (Fig. 8.2); 175-178 (Fig. 8.6, 8.8); 151 (Fig. 7.14)	Respiration
	Tu	Apr 23	Energy transform: Glycolysis & Citric Acid Cycle	189-199 (Fig. 9.2, 9.5, 9.11-9.13)	
	W	Apr 24	Energy transform: ETC & ATPase	200-205 (Fig 9.14, 9.15, 9.17-19)	
	Th	Apr 25	**REVIEW**		
	F	Apr 26	Energy transform: Case study	206-208 (Fig.9.21), 233	
5	M	Apr 29	Info Flow III: Prok Gene Regulation	367-375 (Fig 18.3-18.6)	Prok Gene Reg
	Tu	Apr 30	Info Flow III: Euk Gene Regulation	379-385 (Fig. 19.1,19.5,19.7); 388-389 (Fig. 19.10); 353-354 (Fig 17.6)	
	W	May 1	Info Flow III: Euk Gene Reg activity	363 (Fig 17.17); 386-388 (Fig 19.9); 391-392 (Table 19.1), 396; 35 (Studying Live Cells)	
	Th	May 2	**REVIEW**		
	F	May 3	**EXAM II**		
6	M	May 6	Systems I: Cell cycle	253-257 (Fig. 12.2,12.3); 263-266 (Fig. 12.11, 12.12); 268 (Fig 12.15)	CURE 2
	Tu	May 7	Systems I: DNA Replication	319-326 (Fig. 15.8, 15.10, 15.11, Table 15.1)	
	W	May 8	Systems I: PCR	37-38 (Fig. B10.4); Section 20.2: 401-403 (Fig 20.3)	
	Th	May 9	**REVIEW**		
	F	May 10	Systems II: Signal Recognition & Processing	243-248 (Fig 11.13, 11.14)	
7	M	May 13	Systems II: Cell motility	153 (Table 7.1), 163-164;166-168	CURE 3
	Tu	May 14	Systems II: Cancer	266-268, 329-332 (Fig. 15.15)	
	W	May 15	Systems II: Cystic Fibrosis	132-133, 145, 249, 373 (Fig. 18.7), 522	
	Th	May 16	**REVIEW**		

	F	May 17	**EXAM III**		
8	M	May 20	Systems III: Innate Immunity	816-817; 1008-1012 (Fig.48.2, Table 48.2);	CURE 4
	Tu	May 21	Systems III: Pathogen Entry & Detection & Microbiome	524; (Fig.48.2)	
	W	May 22	Systems III: Molecular Ecology	1092-1093; Sect 36.4:758-760	
	Th	May 23	**REVIEW**		
	F	May 24	Systems III: Molecular Ecology		
9	M	May 27	**MEMORIAL DAY – No Class**		CONCEPT REVIEW
	Tu	May 28	Systems IV: Principles of Dev	418-423 (Table 21.1, Fig 21.3, 21.4)	
	W	May 29	Systems IV: Body Plan: Major Axes	424-427 (Fig.21.6, 21.8)	
	Th	May 30	**REVIEW**		
	F	May 31	Systems IV: Body Plan: Tissue layers	994-996 (Fig. 47.18, 47.22)	
10	M	Jun 3	Systems IV: Body Plan: Organogenesis	810-812 (Fig. 38.21, 38.22, 38.23)	POSTER SESSION
	Tu	Jun 4	Systems V: CRISPR	Please see Catalyst for reading.	
	W	Jun 5	Systems V: Bio and Society	Please see Catalyst for reading.	
	Th	Jun 6	**REVIEW**		
	F	Jun 7	Core Concept Review	No reading assigned for today.	
11	Tue	Jun 11	**Tuesday 2:30-4:20 pm in Kane 120**		

LAB MANUALS can be purchased at Professional Copy 'N' Print, 4200 University Way NE, 634-2689.

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