

**146:270, Spring 2023. Tue/Thu 2-3:20 PM, TIL-232 Livingston Campus
(Enrollment cap 150)**

Class Date Day/Lecturer	Topic Assignment
1 1/17/23 Tue Liu	Cells: The Fundamental Units of Life, Chapter 1
2 1/19/23 Thu Liu	Chemical Components of Cells – building blocks, Chapter 2
3 1/24/23 Tue Liu	Protein Structure & Function I, Chapter 4
4 1/26/23 Thu Liu	Protein Structure & Function II, Chapter 4
5 1/31/23 Tue Liu	DNA and Chromosomes, Chapter 5
6 2/2/23 Thu Liu	DNA Replication, Chapter 6
7 2/7/23 Tue Liu	DNA Mutation & Repair, Chapter 6
8 2/9/23 Thu Liu	DNA to Protein, Chapter 7
9 2/14/23 Tue Liu	Module 1 Review
10 2/16/23 Thu Liu	Exam I
11 2/21/23 Tue Jiang	Sexual Reproduction and Genetics I, Chapter 19
12 2/23/23 Thu Jiang	Sexual Reproduction and Genetics II/Gene Function Chapter 19, 10
13 2/28/23 Tue Jiang	Cell Signaling I Chap 16
14 3/2/23 Thu Jiang	Cell Signaling II Chap 16
15 3/7/23 Tue Jiang	Cytoskeleton I Chap 17
16 3/9/23 Thu Jiang	Cytoskeleton II/Extracellular Matrix Chap 17, Chap 20
3/14/23 Tue	<i>Spring Break</i>
3/16/23 Thu	<i>Spring Break</i>
17 3/21/23 Tue Jiang	Cell Division Cycle I Chap 19
18 3/23/23 Thu Jiang	Cell Division Cycle II/Exam Review Chap 19
19 3/28/23 Tue Jiang	Exam 2
20 3/30/23 Thu Cai	Membrane proteins and membrane transport I Chapter 11/12
21 4/4/23 Tue Cai	Membrane proteins and membrane transport II Chapter 11/12
22 4/6/23 Thu Cai	Membrane proteins and membrane transport III Chapter 11/12
23 4/11/23 Tue Cai	Energy generation in mitochondria I Chapter 14
24 4/13/23 Thu Cai	Energy generation in mitochondria II Chapter 14
25 4/18/23 Tue Cai	Membrane sorting and vesicle trafficking I Chapter 15
26 4/20/23 Thu Cai	Membrane sorting and vesicle trafficking II Chapter 15
27 4/25/23 Tue Cai	Module 3 Review
28 TBA Cai	Exam 3