

| Month | Day | Lecture # | Lecture Topic | Reading |
|----------|-------|-----------|---|-----------------|
| January | 8 | 1 | Science, Biology, Life | Chapter 1 |
| | 10 | 2 | Biology and Life | Chapter 2 |
| | 12 | 3 | Nucleic acid structure | Chapter 3 & 18 |
| | 15 | | Holiday: Martin Luther King, Jr. | |
| | 17 | 4 | Transcription | Chapter 21 |
| | 19 | 5 | Translation 1 | Chapter 22 |
| | 22 | 6 | Translation 2 | Chapter 22 |
| | 24 | 7 | Protein Structure | Chapter 3 |
| | 26 | 8 | Molecular Genetics of Disease 1 | |
| | 29 | 9 | Gene structure 1 | Chapter 23 |
| | 31 | 10 | Control of gene expression 1 | Chapter 23 |
| February | 2 | 11 | Mitosis | Chapter 19 |
| | 5 | 12 | Mitosis | Chapter 19 |
| | 7 | | Exam 1 | |
| | 9 | 13 | DNA Replication | Chapter 19 |
| | 12 | 14 | DNA Replication & Telomeres | Chapter 19 |
| | 14 | 15 | Gene structure 2 | Chapter 23 |
| | 16 | 16 | Transcription 2 | Chapter 21 |
| | 19 | | Holiday: President's Day | |
| | 21 | 17 | Post-transcriptional processing | Chapter 21 |
| | 23 | 18 | Control of gene expression 2 | Chapter 23 |
| | 26 | 19 | Meiosis | Chapter 20 |
| | 28 | 20 | Mendelian Genetics | Chapter 20 |
| March | 2 | 21 | Mendelian Genetics | Chapter 20 |
| | 5 | 22 | Molecular Genetics of Disease 2 | |
| | 7 | | Exam 2 | |
| | 9 | 23 | Membrane Transport | Chapter 8 |
| | 12 | 24 | Glycolysis | Chapter 9 |
| | 14 | 25 | Aerobic Respiration | Chapter 10 |
| | 16 | 26 | Photosynthesis | Chapter 11 |
| | 19 | 27 | Photosynthesis | Chapter 11 |
| | 21 | 28 | Protein Trafficking | Chapter 12 |
| | 23 | 29 | Protein Trafficking | Chapter 12 & 22 |
| | 26-30 | | Spring Break | |
| April | 2 | 30 | Protein Trafficking | Chapter 12 & 22 |
| | 4 | 31 | Molecular Genetics of Disease 3 | |
| | 6 | | Holiday: Good Friday | |
| | 9 | 32 | Signal Transduction: Neurons 1 | Chapter 13 |
| | 11 | | Exam 3 | |
| | 13 | 33 | Signal Transduction: Neurons 2 | Chapter 13 |
| | 16 | 34 | Signal Transduction | Chapter 14 |
| | 18 | 35 | Signal Transduction | Chapter 14 |
| | 20 | 36 | Signal Transduction | Chapter 16 |
| | 23 | 37 | Muscle | Chapter 16 |
| | 25 | 38 | Calcium regulation of muscle | Chapter 17 |
| | 27 | 39 | Cell Cycle and Cancer | Chapter 19 & 24 |
| | 30 | 40 | Cell Cycle and Cancer | Chapter 19 & 24 |
| May | 2 | 41 | Molecular Genetics of Disease 4 | |
| | 7 | | Final Exam 7:30-9:30 AM | |
| | | | First Final of the week | |