

| BIOL1108 Fall 2018 | | | | | Graded work |
|--------------------|---------|-------------|-------|--------------------------------------|----------------------|
| Week # | Date: | Lect # | Chap. | Lecture Schedule | |
| 1 | 28-Aug | 1 | | Intro and Pre-quiz | |
| | 30-Aug | 2 | 21 | Evolution by natural selection | |
| 2 | 04 Sept | 3 | 23 | Phylogeny and Fossils | |
| | 06 Sept | 4 | 22 | Species and Speciation | Policies Quiz ends |
| 3 | 11 Sept | 5 | 24 | Human Origins | |
| | 13 Sept | 6 | 27 | Eukaryotic Cells | |
| 4 | 18 Sept | 7 | 28 | Multicellularity | |
| | 20 Sept | 8 | 8 | Photosynthesis | |
| 5 | 25 Sept | Exam | | Unit 1 Exam (Lectures 1-7) | Unit 1 |
| | 27 Sept | 9 | 29 | Plant Structure and Function | |
| 6 | 02 Oct | 10 | 30 | Plant Reproduction | |
| | 04 Oct | 11 | 31 | Plant Growth and Development | |
| 7 | 09 Oct | 12 | 32 | Plant defense and behavior | |
| | 11 Oct | 13 | 33 | Non-vascular plants | |
| 8 | 16 Oct | 14 | 34 | Fungi | |
| | 18 Oct | 15 | 44 | Early animal diversity | |
| 9 | 23 Oct | Exam | | Unit 2 Exam (Lectures 8 - 15) | Unit 2 |
| | 25 Oct | 16 | 44 | Ecdysozoa and Lophotrochozoa | |
| 10 | 30 Oct | 17 | 44 | Echinodermata and Chordata | |
| | 1 Nov | 18 | 45 | Animal Behavior | Greenhouse Hunt ends |
| 11 | 6-Nov | 19 | 46 | Population Ecology | |
| | 8-Nov | 20 | 47 | Species Interactions and Communities | |
| 12 | 13-Nov | 21 | 48 | Biomes and Global Ecology | |
| | 15-Nov | 22 | 48 | Biomes and Global Ecology | |

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| 13 | 20-Nov | BREAK | | | |
| 14 | 27-Nov | 23 | 49 | The Anthropocene | |
| | 29-Nov | 24 | 49 | The Anthropocene | |
| 15 | 4-Dec | 25 | 44-49 | Review | |
| | 6-Dec | Exam | | Unit 3 Exam (Lectures 15 - 22) | Unit 3 Exam |
| 16 | | Final Exam Week | | Final Exam: Cumulative (Lectures 1-27) | Final Exam |

| Biology 1108: Principles of Biology Laboratory Fall 2018 | | | |
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| Week # | Date: | Laboratory Schedule | Graded work |
| 1 | 27-Aug | Introductions and Orientation | Pre-Lab 1 |
| | | Ex. 1: Scientific Method | Lab 1 worksheet |
| 2 | 03 Sept | Ex. 2: Evolution and Classification | Pre-Lab 2 |
| | | | Lab Safety Quiz Deadline!! |
| 3 | 10 Sept | Ex. 3: Population Genetics | Pre-Lab 3 |
| | | | Lab Quiz 1: Ex. 2 |
| 4 | 17 Sept | Ex. 4: Microscopes | Pre-Lab 4 & 5 |
| | | Ex. 5: Cell Types, Greenhouse | Lab Quiz 2: Ex. 3 |
| 5 | 24 Sept | Ex. 6: Photosynthesis and Leaf Structure | Pre-Lab 6 |
| | | | Lab Quiz 3: Ex. 4 & 5 |
| 6 | 01 Oct | Ex. 7: Plant Development | Pre-Lab 7 & 8 |
| | | Ex. 8: Transpiration | Lab 6 worksheet |
| 7 | 08 Oct | Lab Practical Exam 1 (08 Oct) | Lab Practical Exam 1 |
| | | Biodiversity Collections (Bonus Quiz 15 pt) | covering Lab ex. 1 - 8 |
| 8 | 15 Oct | Ex. 9: Evolution of Plants 1 | Pre-Lab 9 |
| | | | |
| 9 | 22 Oct | Ex. 10: Evolution of Plants 2 | Pre-Lab 10 |
| | | Greenhouse Scavenger Hunt | Lab Quiz 4: Ex. 9 |
| 10 | 29 Oct | Ex. 11: Evolution of Animals 1 | Pre-Lab 11 |
| | | | Lab Quiz 5: Ex. 10 |
| 11 | 5-Nov | Ex. 12: Evolution of Animals 2 | Pre-Lab 12 |
| | | | Lab Quiz 6: Ex. 11 |
| 12 | 12-Nov | Ex. 13: Behavior | Pre-Lab 13 |

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| | | | Lab Quiz 7: Ex. 12 |
| 13 | 19-Nov | BREAK | |
| 14 | 26-Nov | Ex. 15: Climate Change | Pre-Lab 15 |
| | | | Lab 13 worksheet |
| 15 | 3-Dec | Lab Practical Exam 2 | Lab Practical Exam 2 |
| | | covering Lab exercises 9-14 | |

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