

**Biol 112 Diversity of Life Schedule - TENTATIVE!!!**

RCW 2009

Week	Date	Lecture	Topic A	Topic B	Reading A*	Reading B*	Laboratory	Events
1	Jan 5	1	Introduction	Introduction	-	-		
		2	Mitosis & Meiosis	Mitosis & Meiosis	12.1-12.2	13.3,13.4	Scientific Mtd & Microscopy : Arts & Aquatics Students only	
		3	Parasites	Classification/Taxonomy	-	Ch 1; pp536-538		
2	Jan 12	1	Phylogeny & Tree of Life	Phylogeny & Tree of Life	26.1-26.3	26.1-26.3		
		2	Evolution	Evolution	Ch 22	23.1,23.3,23.4	Footprint Lab	
		3	Natural Selection	Natural Selection	Ch 22	23.1,23.3,23.4		
3	Jan 19	1	Speciation	Macroevolution	Ch 24	25.5, 25.6		
		2	Fossil Record	Extinctions	25.2, 25.3	25.4	Fundamentals of Biodiversity	
		3	Prokaryotes 1	Prokaryotes 2	Ch 27	Ch 27		
4	Jan 26	1	Protists 1	Protists 2	28.1,28.3	28.4,28.6, 28.7		Lab Report Due
		2	Diseases	spare	TBA	-	Prokaryotes to Protists	
		3	Algae	Algae	28.3	28.5		
5	Feb 2	1	Nonvascular Plants	Ferns	29.1-29.2	29.3		
		2	Gymnosperms	Conifers	30.1	30.2	Fungi, Algae, Lichens	
		3	Flowering Plants 1	Flowering Plants 2	30.3	30.4		
6	Feb 9	1	Genetic Modification	spare	TBA	-		
		2	Fungi 1	Fungi 2	31.1	31.2	Land Plants	
		3	TBA	TBA	-	-		Lecture & Lab Midterm
7	Feb 16	1	Fungi 3	Fungi 4	31.4	31.5		
		2	Toxins & Flavours	spare	TBA	-	Sponges to Rotifers	
		3	Animals 1	Animals 2	32.1	32.3		
8	Feb 23	READING WEEK					NO LAB	
9	Mar 2	1	Sponges	Jellies	33.1	33.2		
		2	Flatworms, Rotifers, etc.	Molluscs	33.3	33.3	Annelids & Molluscs	
		3	Annelids	Nematodes	33.3	33.4		
10	Mar 9	1	Arthropods	Insects, Spiders, Crustaceans	33.4	33.4		
		2	Echinoderms	non-vertebrate Chordates	33.5	34.1, 34.2	Arthropods	
		3	Fish 1	Fish 2	34.3	34.4		
11	Mar 16	1	Amphibians	Reptiles	34.5	34.6		
		2	Birds	Mammals 1	34.6	34.7	Echinoderms & Chordates	
		3	Mammals 2	Primates	34.7	34.7		
12	Mar 23	1	Primates	Humans	34.8	34.8		
		2	Building Tree of Life	Building Tree of Life	-	-	Phylogeny	
		3	Intro to Ecology	Biomes	50.1, 50.2	50.3, 50.4		
13	Mar 30	1	Community Ecology 1	Community Ecology 2	Ch 54	Ch 54		
		2	Ecosystems	spare	Ch 55	-	Review Lab	
		3	Human Impacts	Human Impacts	TBA	TBA		Lab Final Exam
14	Apr 6	1	Coffee Footprint 1	Coffee Footprint 2	TBA	TBA		
		2	Review	evaluations	-	-		

\* chapter and page numbers refer to Campell & Reece (2009) Biology, 8th ed. **See Lecture Guides on course website for details.**