

## Calendar of Reading Assignments, Lecture Topics, and Exams

### BIOL 1408.04 Lecture – Spring 2017

**Unless otherwise stated, all reading assignments are from “What is Life?” by Jay Phelan**

**Reading Assignment cards are outlines of the readings, and may include important vocabulary terms. They must be submitted on a 5x8 index card with the student’s name and the date printed in the top right corner of the card. For credit, the card must be submitted at the end of the lecture period on the date due – each chapter summary should be a minimum of one side of a card in length.**

**NO LATE CARDS WILL BE ACCEPTED.**

<b>Date</b>	<b>Reading Assignment Card Due</b>	<b>Lecture Topic</b>
19 Jan. 2017	None	Syllabus, Introduction to Biology
24 Jan. 2017	Chapter 1: Scientific Thinking; Chapter 2: Chemistry	Science is a problem solving, question answering, investigational process.
26 Jan. 2017	“I don’t know what to believe....” to be posted to Blackboard	Basic Chemistry of Life
31 Jan. 2017	Chapter 3: Cells; Chapter 4: Energy	Cells: The basic units of life - cell structure
2 Feb. 2017	None	Cells: The basic units of life - cell function
7 Feb. 2017	None	Photosynthesis and Cell Respiration
9 Feb. 2017	None	Energy
<b>14 Feb. 2017</b>	<b>None</b>	<b>First Major Lecture Exam</b>
16 Feb. 2017	Chapter 5: DNA, Gene Expression, and Biotechnology	What is DNA and the genetic code?
21 Feb. 2017	Chapter 6: Chromosomes and Cell Division; Lab Manual Chapter 12: Mitosis	Mitosis & Meiosis
23 Feb. 2017	Lab Manual Chapter 11: Human Reproduction, “What is Life?”	Reproduction & Stem Cells
28 Feb. 2017	None	Reproduction (continued)
2 Mar. 2017	Chapter 7: Genes and inheritance	Genetics of inheritance: Hardy-Weinberg Genetics

7 Mar. 2017	None	Can we harness the genetic code?
<b>9 Mar. 2017</b>	<b>None</b>	<b>Second Major Lecture Exam</b>
<b>14-16 Mar. 2017 Spring Break – No classes</b>		
21 Mar. 2017	Chapter 11: Animal Diversity; Chapter 12: Plants and Fungi	Diversity of Life
23 Mar. 2017	None	The Animal Kingdom
28 Mar. 2017	None	The Animal Kingdom (continued)
30 Mar. 2017	None	Plants and Fungi
4 Apr. 2017	Chapter 13 Evolution and Diversity of Microbes	Diversity of Microbes
<b>6 Apr. 2017</b>	<b>None</b>	<b>Third Major Exam</b>
11 Apr. 2017	Chapter 8: Evolution and Natural Selection; Lab Manual Chapter 9: Evolution and Behavior	Introduction to Evolutionary Processes: Darwin's Finches
13 Apr. 2017	None	Evolution and Behavior
18 Apr. 2017	None	How do populations interact with their environment?
20 Apr. 2017	Chapter 14: Population Ecology; Chapter 15: Ecosystems and Communities	Population Biology
25 Apr. 2017	None	Energy and Nutrient Flow Through Communities and Ecosystems
27 Apr. 2017	None	Conservation and Biodiversity
2 May 2017	None	Semester wrap-up
<b>4 May 2017</b>	<b>None</b>	<b>Fourth Major Exam</b>
<b>11 May 2017</b>	<b>9:30-11:30 am in LDB 214</b>	<b>FINAL EXAM</b>