

For textbook readings see <http://bioweb-cfs.cas.okstate.edu/info/requiredreadings>

Date	Week	Scenario	Lab Topic
Jan 16	M	MLK Holiday	– no classes
Jan 16	1	1. Psychics and Scientists: A series of short scenarios will center on measurement of psychic phenomena, a faculty research question, a breath holding experiment, analysis of class score data, and what is a theory?	Introduction to Lab
Jan 23	2	2. Surviving Fire and Ice: The scenario focuses on surviving in desert and tundra and adaptations for thermoregulation and water retention.	Planning Form and Manuscript writing
Jan 30	3	3. Out of the Rain Forest: An aboriginal fishing expedition in the rain forest is explored in terms of the action of a toxin produced by plants. Pesticides, coevolution, cell membrane function and cell respiration will be discussed.	Investigation 1: Research in the Institute of Comparative Respiratory Research
Feb 6	4	Out of the Rain Forest continued.	Investigation 1: Continued research
<b>Feb 13</b>	<b>M</b>	<b>EXAM #1 at 5:30 pm in [ROOM]–Topics for exams will be those from Scenarios 1-3</b>	
Feb 13	5	4. Chemical Defenses: A Nigerian child eats a poisonous bean, which requires extraordinary treatment by the local physician, framing investigation of cell membrane structure, secretion, intercellular communication, and neurons.	Investigation 1: Final analysis & Submission
Feb 20	6	5. Marooned in the Galapagos: This trip raises questions about what makes a species or organism successful. Attention to the physical character of these desert islands and animals living there highlights natural selection in action.	Investigation 2: Research in the Acme Brewing and Baking Company
Feb 27	7	6. Rainbow Connection: A scuba diving botanist is sent by the Smithsonian to collect algae. Blood is spilled and the biological uses of colored light, including photosynthesis, are explored.	Investigation 2: Continued research
Mar 6	8	Rainbow Connection - continued.	Investigation 2: Final analysis & Submission
<b>Mar 13</b>	<b>9</b>	<b>Spring Break – No Classes</b>	<b>NO LAB</b>
Mar 20	10	7. Emerging Diseases: On the Amazon we meet the Yanomami amidst a breaking TB epidemic, raising the roles of symbiosis, population dynamics and evolution in development of epidemics.	Investigation 3: Research in the Biofuels Research and Aquatic Quality Collaborative
<b>Mar 22</b>	<b>W</b>	<b>EXAM #2 at 5:30 pm. in [ROOM]- Topics for exams will be those from Scenarios 1-6</b>	
Mar 27	11	Emerging Diseases continued	Investigation 3: Continued research
Apr 3	12	8. Family Reunion: A family reunion opens the door to talk about cancer, DNA, protein synthesis, genetically determined diseases and biotechnology.	Investigation 3: Final analysis & Submission
Apr 10	13	Family Reunion - continued.	Investigation 4: Research in the Center for the Study of Sexual Selection in Fishes
Apr 14	<b>F</b>	Last day to drop a class or withdraw from the University with an automatic “W”	
Apr 17	14	9. Hogs & Chickens: Statistics about concentrated animal feeding operations raise questions about nutrients in biogeochemical cycles, the effects of livestock and people on aquatic systems.	Investigation 4: Continued research
<b>Apr 17</b>	<b>M</b>	<b>EXAM #3 at 5:30 pm in [ROOM]- Topics for exams will be those from Scenarios 1-8</b>	
Apr 24	15	10. Why We Care about Fat: our contemporary preoccupation with fat sets the scene for a discussion of fat metabolism, its genetic, nervous and hormonal control, and behavioral implications.	Investigation 4: Final analysis & Submission
May 1	16	Why We Care about Fat continued.	Laboratory Final
<b>May 10</b>	<b>Wed</b>	<b>FINAL EXAM at 4:00 – 5:50 pm in [ROOM] Topics for exams will be those from All Scenarios</b>	<b>Note the Exam time!!!</b>

OSU’s general syllabus information is found at

<http://academicaffairs.okstate.edu/sites/default/files/Spring%202017%20Syllabus%20Attachment.pdf>

Much information of value can be found at <http://academicaffairs.okstate.edu/content/resources-students> including:

[Academic 911](#) - Don't Bail or Fail! Find the resources you need to succeed.

[Academic Forgiveness](#) - Find out if you qualify for an academic reprieve or renewal.

[Academic Retention Criteria and Procedures](#) – Includes procedure and policy for petition for reinstatement.

[Adding, Dropping and Withdrawing from Courses](#) - Information about adding/dropping courses, deadlines, retroactive drop/withdrawal.

[Family Educational Rights and Privacy Act \(FERPA\)](#) - Information about FERPA and frequently asked questions

[Grade Appeal](#) - Find out how to go through the grade appeal process, and the policies and procedures for filing a grade appeal.

[Policy and Procedures Letter 2-0217: Attendance Policy for Students](#) - If not stated on the syllabus.

[Student Computing Systems](#) - Explains the uses of the O-Key, SIS, and D2L computer systems for students.

[Title IX Training](#) - Information about required Title IX Training

For more detailed information on these as well as other OSU policies, please visit the [OSU Policies and Procedures page](#).