

Schedule

4

Date	Week	Scenario (for readings see http://bioweb-cfs.cas.okstate.edu/info/requiredreadings)	
Aug 21	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 & Pre-Assessment
Aug 28	M	Last day to add and last day to drop with no grade	
Aug 28	2	2. Surviving Fire and Ice: The scenario focuses on surviving in desert and tundra and adaptations for thermoregulation and water retention.	Investigation 1: Research in the Institute of Comparative Respiratory Research
Sept 4	M	University Holiday (Labor Day) – No Class	
Sept 4	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: Continued research
Sept 11	4	Out of the Rain Forest continued.	Investigation 1: Final analysis & Submission
Sept. 18	M	EXAM #1 at 5:30 pm in [ROOM]–Topics for exams will be those from Scenarios 1-3	
Sept 18	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 3: Research in the Biofuels Research and Aquatic Quality Collaborative
Sept 25	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 3: Continued research
Oct 2	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 3: Final analysis & Submission
Oct 9	8	Rainbow Connection - continued.	Investigation 2: Research in the Acme Brewing and Baking Company
Oct 16	M	EXAM #2 at 5:30 pm. in [ROOM]- Topics for exams will be those from Scenarios 1-6	
Oct 16	9	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.	No Lab
Oct 20	F	University Holiday (Fall Break) – No Class	
Oct 23	10	Emerging Diseases continued	Investigation 3: Continued research
Oct 30	11	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
Nov 6	12	Family Reunion - continued.	Investigation 4: Research in the Center for the Study of Sexual Selection in Fishes
Nov 10	F	Last day to drop	
Nov 13	13	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
Nov 20	M	EXAM #3 at 5:30 pm in [ROOM]- Topics for exams will be those from Scenarios 1-8	
Nov 20	14	Hogs & Chickens Continued	No Lab
Nov 22-24	W-F	University Holiday (Thanksgiving Break) – No Class	
Nov 27	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
Dec 4	16	Why We Care about Fat continued.	Laboratory Final
Dec 11	M	FINAL EXAM at 12:00 – 1:50 pm in [ROOM] Topics for exams will be those from All Scenarios	Note the Exam time!!!

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> and [OSU Policies and Procedures page](#) 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