

## Schedule – Spring 2019

1

Date	Week	Scenario (for readings see <a href="http://bioweb-cfs.cas.okstate.edu/info/requiredreadings">http://bioweb-cfs.cas.okstate.edu/info/requiredreadings</a> )	Lab Topic
Jan 14	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
<b>Jan 21</b>	<b>M</b>	<b>Oklahoma State University is closed Jan. 21 in observance of Martin Luther King, Jr. Day</b>	
Jan 22	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 28	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.	Research in the Institute of Comparative Respiratory Research – Week 1
Feb 4	4	Out of the Rain Forest continued.	Research in the Institute of Comparative Respiratory Research – Continued research
<b>Feb 11</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 12	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.	Research in the Institute of Comparative Respiratory Research – Final analysis & Submission
Feb 18	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.	Research in the Biofuels Research and Aquatic Quality Collaborative Biofuels Division ONLY – Week 1
Feb 25	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.	Research in the Biofuels Research and Aquatic Quality Collaborative Biofuels Division ONLY - Continued research
Mar 4	8	Rainbow Connection - continued.	Research in the Biofuels Research and Aquatic Quality Collaborative Biofuels Division ONLY Final analysis & Submission
<b>Mar 11</b>	<b>M</b>	<b>EXAM #2 at 5:30 pm. in [ROOM]- Topics for exams will be those from Scenarios 1-6</b>	
Mar 12	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.	Research in the Acme Brewing and Baking Company – Week 1
<b>Mar 18</b>	10	<b>Spring Break – No Classes</b>	
Mar 25	11	Emerging Diseases continued	Research in the Acme Brewing and Baking Company - Continued research
Apr 1	12	8. Family Reunion: A family reunion opens the door to talk about cancer, DNA, protein synthesis, genetically determined diseases and biotechnology.	Research in the Acme Brewing and Baking Company - Final analysis & Submission
Apr 8	13	Family Reunion - continued.	Research in the Center for the Study of Sexual Selection in Fishes – Week 1
Apr 12	<b>F</b>	Last day to drop a class or withdraw from the University with an automatic “W”	
<b>Apr 15</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 16	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.	Research in the Center for the Study of Sexual Selection in Fishes Continued research
Apr 22	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.	Research in the Center for the Study of Sexual Selection in Fishes Final analysis & Submission
Apr 29	16	Why We Care about Fat continued.	Laboratory Final
<b>May 6</b>	<b>M</b>	<b>FINAL EXAM at 4:00 – 5:50 pm in [ROOM]</b> <b>Topics for exams will be those from All Scenarios</b>	<b>Note the Exam time!!!</b>

OSU's general syllabus information is found at <https://academicaffairs.okstate.edu/sites/default/files/Spring%202019%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