BIOLGY 278L – ANIMAL BEHAVIOR
Summer School 1 2017 Syllabus

Instructor: Spencer Ingley, Ph.D

TA information:  
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Office hours: Friday 10-11am or email me.

Dr. Ingley’s contact info:  
Office: 318 Wilson  
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Office hours: TBA

Lab meeting location: Wilson G20

Lab meeting schedule: Tuesday, Wednesday, Thursday 1:30-4:30

Course Website: www.unc.edu/~rhwiley/courses/biol278L  
UserID & password: use your ONYEN

Schedule

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<th>Week of</th>
<th>Topic</th>
<th>Assignments</th>
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<tr>
<td>May 17</td>
<td>No lab</td>
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<tr>
<td>May 18th</td>
<td>Prey Selection &amp; Enrollment</td>
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<tr>
<td>May 23rd</td>
<td>Isopod Orientation</td>
<td>Quiz</td>
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<td>May 24th</td>
<td>Releasers for schooling in fish</td>
<td>Quiz; Subject of first lab report</td>
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<td>May 25th</td>
<td>Stats and lab write-up help</td>
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<tr>
<td>May 30th</td>
<td>Cricket personality</td>
<td>Quiz (See Sakai for reading)</td>
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<td>May 31st</td>
<td>Prisoner’s dilemma</td>
<td>Quiz; First Lab Report Due</td>
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<td>June 1st</td>
<td>Paradise Fish</td>
<td>Quiz</td>
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<tr>
<td>June 6th</td>
<td>Costs of sexual ornaments in fiddler crabs</td>
<td>Quiz; Subject of second lab report</td>
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<td>June 7th</td>
<td>Campus animal field studies I</td>
<td>Quiz</td>
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<tr>
<td>June 8th</td>
<td>Campus animal field studies II</td>
<td>Quiz</td>
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<tr>
<td>June 13th</td>
<td>Human Ethology I</td>
<td>Quiz; Subject of oral presentations</td>
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<td>June 14th</td>
<td>Rain Date for Campus Animal field studies</td>
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<tr>
<td>June 15th</td>
<td>Human Ethology II</td>
<td>Oral Presentations (lab cleanup)</td>
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<tr>
<td>June 20-22nd</td>
<td>No labs – partial week</td>
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Attendance
As labs cannot be made up, I expect perfect attendance. If you absolutely must miss a lab for reasons beyond your control, you must notify me before your lab meeting and schedule a make-up lab period. Otherwise no credit will be given for the missed lab.

Preparation
Please arrive on time for class! You will be working in teams, so arriving late means you will slow down your classmates (and potentially miss the quiz). In many cases we will leave the lab to work outdoors. If you arrive late you will not know where your team has gone.

Read each lab exercise ahead of time and come to class prepared! Like any lab course, you need to understand what the lab is about before starting. Pull your weight on your team, and do your share of the work. Be willing to help team members understand what you are doing. Part of your grade depends on your level of cooperation.

Please be prepared to think on your feet and be flexible. Animals do not always behave as planned, and the weather will be an important factor in some of our experiments.

Grading
Overall Breakdown: Quizzes 20%
Lab Report 1 25%
Lab Report 2 35%
Oral Presentation 15%
Participation & Attendance 5%

Course Requirements/Assignments

Quizzes
There will be brief quizzes given immediately at the start of the lab period to test your understanding of the experiment you will be performing on that day. Read ahead and you will do well on the quiz and in the lab. No quizzes will be dropped or made up. If you are late to lab you may miss the quiz.

Lab Reports
You will be required to write two lab reports. These must be typed, proofread, and written in the format of a scientific paper. Only a hard copy will be accepted, I can not accept any report via email. Your lab report must include the following sections: Title, Abstract, Introduction, Methods, Results, Discussion, and Bibliography (see Laboratory Report Format in your lab manual for details on what to include in each section). Your sentences must be coherent and follow standard grammatical rules for English. I realize many of you have never written a scientific paper. I am here to help you if you need advice about how to organize your paper. Take advantage of this opportunity to improve your writing skills! Any late assignment will be penalized 10 points per calendar day!

Oral Presentation
You will work in small groups to form your own hypothesis, collect and interpret data, and present your results and conclusions to your classmates. Your oral presentation should be about 7-10 minutes long and should also include a visual presentation of your data, usually a PowerPoint presentation with graphs/tables that convey the major findings of your study.

Participation & Attendance
This grade will be based on you showing up on time, working diligently, turning in class assignments, and keeping the lab neat and clean.

Honesty
The honor code is strictly enforced with a zero tolerance policy for unethical behavior. All honor code violations will be brought before the honor court. Plagiarism will not be tolerated. (UNC honor code information: http://honor.unc.edu/honor/code.html)