## Schedule 2015 Spring (Updated 22 Dec)

**Before course begins:**
- Review Website: [http://people.tamu.edu/~j-packard/courses/wfsc622/wfsc622home.html](http://people.tamu.edu/~j-packard/courses/wfsc622/wfsc622home.html)
- Read Syllabus (top blue menu bar of course home page)
- Order Textbook in advance to allow for delivery delays (see Syllabus)
- Check your TAMU E-mail and respond: j-packard@tamu.edu
- Review Tutorial: Behavior, Ecology & Natural Selection (available on website)
- Review Grading criteria and Technical Help (top menu bar of course home page)
- Review course objectives on Syllabus: Participate, Comprehend, Apply, Synthesize
- Sign on to ecampus.tamu.edu to verify that all the tools work with your computer (see link on left menu bar of course home page: for HELP call 979-845-8300)

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<th>eCampus.tamu.edu</th>
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<td>Module 1: introduction (2 wk)</td>
<td>START HERE (folder with syllabus, etc)</td>
<td>eCampus.tamu.edu</td>
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<tr>
<td></td>
<td>• Get acquainted &amp; course expectations</td>
<td>3 Videos: Orientation, Units 1-2</td>
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<tr>
<td></td>
<td>• Natural selection</td>
<td>1 personal appointment (week 1)</td>
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<td>• Testing Hypothesis</td>
<td>1 virtual meeting (week 2)</td>
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<td>Assignment: Essay 1 Choose supplements</td>
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<td></td>
<td>• Sexual Selection</td>
<td>3 virtual meetings</td>
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<td></td>
<td>• Parental Care &amp; Family Conflict</td>
<td>Assignment: Essay 3 Apply social concepts</td>
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<td>• Mating Systems</td>
<td>3 videos: Units 9-11</td>
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<td></td>
<td>• Sex Allocation</td>
<td>3 virtual meetings</td>
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<td>• Social Behaviours: Altruism/spite</td>
<td>Assignment: Essay 4 Apply reproduction</td>
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<td>Module 5: cooperation (3 wk)</td>
<td>Discussion: cooperation synthesis</td>
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<td></td>
<td>• Cooperation</td>
<td>3 videos: Units 12-14</td>
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<td></td>
<td>• Communication &amp; Signals</td>
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<td></td>
<td>• Conclusions</td>
<td>Assignment: Essay 5 Apply cooperation</td>
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<tr>
<td>7</td>
<td>Have a good summer &amp; keep in touch!</td>
<td>Course assessment: pica.tamu.edu</td>
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<td><a href="mailto:j-packard@tamu.edu">j-packard@tamu.edu</a></td>
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</table>
Module 1: INTRODUCTION

January 20-Feb 1

- Introduction: Natural Selection, Ecology, and Behavior
- Testing Hypotheses: Comparative and Optimality Approaches

<table>
<thead>
<tr>
<th>Week 1, January 20, 2015 (Mon. holiday)</th>
<th>Overview- Get Acquainted and Unit 1</th>
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<tbody>
<tr>
<td>Use the eCampus tools to:</td>
<td>Course Materials on eCampus front page</td>
</tr>
<tr>
<td>• Synchronize tasks on the Calendar tool with your personal calendar</td>
<td>• Read items in [Start Here] if you have not already done so prior to the course (see above)</td>
</tr>
<tr>
<td>• Use the discussion tool “Participate”</td>
<td>• Open the folder for learning Module 1</td>
</tr>
<tr>
<td>• Read the updated Syllabus, Schedule, Evaluation criteria, Coaching tips</td>
<td>• Work sequentially through each of the items in Unit 1</td>
</tr>
<tr>
<td>Outside eCampus:</td>
<td>Read: Chapter 1 Natural Selection</td>
</tr>
<tr>
<td>• Check your neo email for a welcome message</td>
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<tr>
<td>• Order textbook</td>
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<tr>
<td>• Respond to the Doodle poll to schedule virtual meeting times</td>
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<tr>
<td>• Personal appointment with instructor</td>
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<td>Read:  Chapter 1  Natural Selection</td>
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<table>
<thead>
<tr>
<th>Week 2, January 26, 2015</th>
<th>Unit 2: Testing Hypothesis</th>
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<tbody>
<tr>
<td>Use the eCampus tools to:</td>
<td>Course Materials</td>
</tr>
<tr>
<td>• Read and comment on the “Participate” discussion forum</td>
<td>• Open the folder for learning Module 1</td>
</tr>
<tr>
<td>• Dialogue with peers and instructor about Module 1 on the “Synthesis” discussion category</td>
<td>• Work sequentially through each of the items in Unit 2</td>
</tr>
<tr>
<td>• Submit Essay 1</td>
<td>Read: Chapter 2 Testing Hypotheses</td>
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<tr>
<td>Outside eCampus:</td>
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<tr>
<td>• Attend virtual meeting</td>
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<tr>
<td>• Use Web of Science to find supplements for Essay 1.</td>
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## Module 2: HABITAT

- Economic Decisions
- Predator & Prey
- Competition: Resources

<table>
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<tr>
<th>Week 3, February 2, 2015</th>
<th>Unit 3: Economic Decisions</th>
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<tr>
<td>Use the eCampus tools to:</td>
<td>Course Materials</td>
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<td>• Dialogue on discussion “Participate”</td>
<td>• Open the folder for learning Module 2</td>
</tr>
<tr>
<td>• Start dialogue on discussion “Module 2”</td>
<td>• Work sequentially through each of the items in Unit 3</td>
</tr>
<tr>
<td>• View my Grade scores for Module 1</td>
<td>Read: Chapter 3 Economic Decisions</td>
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<tr>
<td>Outside eCampus:</td>
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</tr>
<tr>
<td>• Attend virtual meeting</td>
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<td>• Start preparing Essay 2</td>
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<table>
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<tr>
<th>Week 4, February 9, 2015</th>
<th>Unit 4: Predator versus Prey</th>
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<td>• Dialogue on discussion “Participate”</td>
<td>• Open the folder for learning Module 2</td>
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<tr>
<td>• Dialogue on discussion “Module 2”</td>
<td>• Work sequentially through each of the items in Unit 4</td>
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<tr>
<td>Outside eCampus:</td>
<td>Read: Chapter 4 Predators vs Prey</td>
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<tr>
<td>• Attend virtual meeting (email link)</td>
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<td>• Draft Essay 2 (upload for feedback)</td>
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<table>
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<th>Week 5, February 16, 2015</th>
<th>Unit 5: Competing for Resources</th>
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<td>• Dialogue on discussion “Participate”</td>
<td>• Open the folder for learning Module 2</td>
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<tr>
<td>• Dialogue on discussion “Synthesis 2”</td>
<td>• Work sequentially through each of the items in Unit 5</td>
</tr>
<tr>
<td>• Submit Essay 2</td>
<td>Read: Chapter 5 Competing for resources</td>
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<td>Outside eCampus:</td>
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<td>• Attend virtual meeting</td>
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Module 3: SOCIAL
- Living in Groups
- Sexual Selection
- Parental Care

<table>
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<th>Week 6, February 23, 2015</th>
<th>Unit 6: Living in Groups</th>
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<td>Use the eCampus tools to:</td>
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<td>• Dialogue on discussion “Participate”</td>
<td>• Open the folder for learning Module 3</td>
</tr>
<tr>
<td>• Start dialogue on discussion “Module 3”</td>
<td>• Work sequentially through each of the items in Unit 6</td>
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<tr>
<td>• View myGrades for Module 2</td>
<td>Outside eCampus:</td>
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<td>• Attend virtual meeting</td>
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<td>• Start preparing Essay 3</td>
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Read: Chapter 6 Living in Groups

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<th>Week 7, March 2, 2015</th>
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<td>Use the eCampus tools to:</td>
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<td>• Open the folder for learning Module 3</td>
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<tr>
<td>• Dialogue on discussion “Module 3”</td>
<td>• Work sequentially through each of the items in Unit 7</td>
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<td>Outside eCampus:</td>
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<tr>
<td>• Participate in the webinar (email link)</td>
<td>• Attend virtual meeting</td>
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<td>• Draft Essay 3 (upload for feedback)</td>
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Read: Chapter 7 Sexual Selection

ENJOY SPRING BREAK! March 9-13

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<tr>
<th>Week 8, March 16, 2015</th>
<th>Unit 8: Parental Care &amp; Family Conflicts</th>
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<td>Use the eCampus tools to:</td>
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<td>• Open the folder for learning Module 3</td>
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<tr>
<td>• Dialogue on discussion “Module 3”</td>
<td>• Toggle the button for Unit 8</td>
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<td>• Work sequentially through each of the items in Unit 8</td>
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Read: Chapter 8 Parental care
### Module 4: Reproduction

March 23 – April 12

- Mating Systems
- Sex Allocation
- Social Behaviors: Altruism to Spite

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<tr>
<td>• Start dialogue on discussion “Module 4”</td>
<td>• Work sequentially through each of the items in Unit 9</td>
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<tr>
<td>• View myGrades for Module 3</td>
<td><strong>Read:</strong> Chapter 9 Mating Systems</td>
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<td>Outside eCampus:</td>
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<tr>
<td>• Attend virtual meeting</td>
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<tr>
<td>• Start preparing Essay 4</td>
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<th>Week 10, March 30, 2015</th>
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<td>• Open the folder for learning Module 4</td>
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<tr>
<td>• Dialogue on discussion “Module 4”</td>
<td>• Work sequentially through each of the items in Unit 9</td>
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<tr>
<td>Outside eCampus:</td>
<td><strong>Read:</strong> Chapter 10 Sex Allocation</td>
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<td>• Attend virtual meeting</td>
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<td>• Draft Essay 4 (upload for feedback)</td>
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<tr>
<th>Week 11, April 6, 2015</th>
<th>Unit 11: Social Behaviors</th>
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<td>• Open the folder for learning Module 4</td>
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<tr>
<td>• Dialogue on discussion “Module 4”</td>
<td>• Work sequentially through each of the items in Unit 9</td>
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<tr>
<td>• Submit Essay 4</td>
<td><strong>Read:</strong> Chapter 11 Social Behaviors</td>
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<td>Outside eCampus:</td>
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<td>• Participate in the webinar (email link)</td>
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## Module 5: Cooperation

- Cooperation
- Communication and Signals
- Conclusions

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<td>• Open the folder for learning Module 5</td>
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<td>• Start dialogue on discussion “Module 5”</td>
<td>• Toggle the button for Unit 12</td>
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<td>• View myGrades for Module 5</td>
<td>• Work sequentially through each of the items in Unit 12</td>
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<tr>
<td>Outside eCampus:</td>
<td>Read: Chapter 12 Cooperation</td>
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<td>• Participate in virtual meeting</td>
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<td>• Start preparing Essay 5</td>
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<th>Week 13, April 20, 2015</th>
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<td>• Dialogue on discussion “Participate”</td>
<td>• Open the folder for learning Module 5</td>
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<td>• Dialogue on discussion “Module 5”</td>
<td>• Work sequentially through each of the items in Unit 13</td>
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<tr>
<td>Outside eCampus:</td>
<td>Read: Chapter 14 Communication (SKIP CHAPTER 13 ON SOCIAL INSECTS)</td>
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<td>• Participate in the virtual meeting</td>
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<td>• Draft Essay 5</td>
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<td>• Open the folder for learning Module 5</td>
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<tr>
<td>• Dialogue on discussion “Module 5”</td>
<td>• Work sequentially through each of the items in Unit 14</td>
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<td>• Submit Essay 5</td>
<td>Read: Chapter 15 Conclusions</td>
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<td>Outside eCampus:</td>
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<td>• Participate in the virtual meeting</td>
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<tr>
<td>• Do course evaluation at <a href="http://pica.tamu.edu">http://pica.tamu.edu</a></td>
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</tr>
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</table>

**HAVE A GREAT SUMMER AND KEEP IN TOUCH!**