BIOLOGY 476/476L -- Spring 2018
AVIAN BIOLOGY WITH LABORATORY

**Things to know before registering**

(If you are interested in this course, please read carefully and contact the instructors)

COURSE AIMS

This course focuses on field identification of North Carolina birds and an understanding of the physiology, evolution, ecology, behavior, and conservation of birds.

Students must enroll in the lectures and labs concurrently.

In addition to having a greater understanding of various facets of avian biology, by the end of the semester students will have learned to identify many of the birds commonly seen in North Carolina.

MEETING TIMES

Lecture: 2:30 – 5:30 Monday

Lab: 1:30-4:30 Friday

- Mondays will include 3 class hours of lectures (we'll try to break it up a bit!)
- Friday afternoons are reserved for lab, but we will actually only meet for 2-3 on-campus labs during this time.
- Most labs will consist of weekend field trips. **If you do not expect to be able to attend these labs, then please do not register. (See field trip schedule on the last page)**

WEEKEND FIELD TRIPS

This course offers seven field trips:

- two Friday afternoon trips;
- three trips early on Sunday mornings to locations nearby;
- one week-end trip to the Outer Banks in early February; and
- one overnight trip to the southeastern coast in April.
For local trips, we usually leave early and return by noon. We will spend many hours outdoors on these field trips. Come prepared for cold, wind, and rain and for brambles, poison ivy, and rough hiking.

On our week-end trip in early February we will leave Friday afternoon and return Sunday evening.

On our coast trip in April we will leave Friday afternoon and return Saturday evening.

The Biology Department will provide the vehicles for these trips. We also have binoculars for everybody. For overnight trips, the costs of rooms and most meals are shared by all participants (~$70 per person for the Outer Banks trip, ~$30 per person for Beaufort/Croatan).

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**GRADING**

You will receive a single grade for both 476 and 476L based on the following elements:

- Midterm Exam, 20%
- Quizzes and Field Trip Reports, 20%
- Research Paper, 20%
- Presentation, 10%
- Final Exam, 20%
- Participation, 10%

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**INFORMATION ABOUT REGISTRATION**

Enrollment is limited to one section of 14 students so that everyone can participate in the field.

If you are interested in this course, please send an email to Drs. Sockman and Hurlbert (kws@unc.edu and hurlbert@bio.unc.edu) and write a short paragraph about your previous biology coursework, why you are interested in this course, and how it may or may not relate to your future plans. Include your PID.

Traditionally, this course fills up fast, so please contact the instructors for permission prior to November 1st. This will allow us to let you know whether or not we can admit you in time for general class registration.

This is not meant to be a complete syllabus. More information will be provided at the start of the semester.
**BIOLOGY 476 -- AVIAN BIOLOGY -- SPRING 2016**

**LAB AND FIELD TRIP SCHEDULE -- TENTATIVE!**

_to be finalized during our first meeting!_

Meet behind Wilson Hall.  _We leave on time!_

<table>
<thead>
<tr>
<th>Date</th>
<th>Time/Location</th>
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<tbody>
<tr>
<td><strong>January</strong></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Friday, 1:25 - 4:25 PM (In-class lab and campus walk)</td>
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<tr>
<td>19</td>
<td>Friday, 1:25 – 4:25 PM (Museum of Natural Sciences)</td>
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<tr>
<td>28</td>
<td>Sunday, 8:00 -11:00 AM (Mason Farm)</td>
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<td><strong>February</strong></td>
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<tr>
<td>2-4</td>
<td>Friday, 1:25 PM -- Sunday, 8:00 PM (counts as 5 labs) Plymouth NC / Oregon Inlet, Cape Hatteras Point, Hatteras Inlet / ferry to Swanquarter, Mattamuskeet NWR</td>
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<td><strong>March</strong></td>
<td>-- NO TRIPS</td>
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<td><strong>April</strong></td>
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<tr>
<td>1</td>
<td>Sunday, 8:00 - 11:00 AM (Jordan Lake)</td>
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<tr>
<td>6</td>
<td>Friday, 1:25 - 4:25 PM (In-class lab)</td>
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<tr>
<td>15</td>
<td>Sunday, 7:00 - 10:30 AM (Stage Coach Road)</td>
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<tr>
<td>20-21</td>
<td>Friday 1:25 PM - Saturday 8:00 PM (counts as 3 labs) North River Marsh, Bird Shoal (Beaufort), Croatan National Forest</td>
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