2016 Forestry and Wildlife Summer Camp
Information Packet
For Students Enrolling in Forestry
and Fisheries and Wildlife Summer Camp 2016

The summer camp program of the Forest Management and Fisheries and Wildlife Sciences Curricula at North Carolina State University is a full-time residential program of summer courses that lasts 9 weeks for forestry students and 6 weeks for fisheries/wildlife students. Students register for NCSU summer school but live, learn, and work in an off-campus forest environment. The objectives of the summer camp program are to:

1. Provide instruction in ecosystem concepts, structure and function of plant and animal communities, management practices, and practical field skills.

2. Expand practical knowledge in a variety of subjects related to the curriculum to enhance their ability to understand and apply subjects covered in the advanced professional courses.

3. Enhance abilities as professionals to work in teams and to assume positions of leadership.

4. Introduce students to a variety of realistic work environments and practices to enable them to better evaluate forestry or fisheries/wildlife management as a career.

CURRICULA AND SCHEDULE

Students should preregister through TRACS for the summer school courses outlined below:

- Fisheries/wildlife students should register for FW 311, FW 312, FW 313, and FW 314.
- Forestry students should register for FOR 204, 261, 264, 265, and 273.

Because summer sessions are normally limited to 6 hours, Foresters need to ask you advisor to raise the credit limit to 9 hours for Summer Session 1.

Courses are taught as a combination of classroom lecture/discussion, outdoor instruction/discussion, outdoor practical exercises, tours, field trips, guest speakers, and self-study. A detailed schedule of the entire program will be issued at the opening orientation session on Sunday evening, May 8, 2015. Classes will be conducted from 7:30 a.m. to 4:30 p.m. or later due to travel and weather conditions, Monday through Friday each week. Wildlife students will begin most days earlier in the mornings to study breeding birds. Some weekend activities are scheduled.

VERY IMPORTANT MESSAGE FOR ALL STUDENTS:
All Forestry students must report to Slocum Camp between 3:00 – 5:00 p.m. on Sunday, May 8, 2016 for check-in and cabin assignments. A cookout for students, parents, and faculty will be held at 6:00 p.m. on May 8, sponsored by the Department of Forestry and Environmental Resources at no charge. Immediately after the cookout, there will be an orientation and introductory session for students.
Table 1. List of courses, credits, and instructors for each Camp

<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Title</th>
<th>Credits</th>
<th>Weeks</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOR 204</td>
<td>Silviculture</td>
<td>2</td>
<td>7,8</td>
<td>Snider</td>
</tr>
<tr>
<td>FOR 261</td>
<td>Forest Communities</td>
<td>2</td>
<td>5,10</td>
<td>Braham</td>
</tr>
<tr>
<td>FOR 264</td>
<td>Forest Wildlife</td>
<td>1</td>
<td>4</td>
<td>Moorman</td>
</tr>
<tr>
<td>FOR 265</td>
<td>Fire Management</td>
<td>1</td>
<td>6</td>
<td>Roise</td>
</tr>
<tr>
<td>FOR 273</td>
<td>Mapping &amp; Mensuration</td>
<td>3</td>
<td>1, 2, 3</td>
<td>Haunsperger</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>9</strong></td>
<td></td>
<td></td>
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|          | **Forestry Camp**                                |         |         |               |
|          | **Fisheries/Wildlife Camp**                      |         |         |               |
| FW 311   | Fisheries & Wildlife Inventory & Management      | 3       | 2, 3, 4 | DePerno       |
| FW 312   | Fisheries Techniques and Management              | 1       | 5       | Kwak          |
| FW 313   | Mountain Wildlife Ecology and Management         | 1       | 6       | Pacifici      |
| FW 314   | Marine Fisheries                                 | 1       | 1       | Buckel        |
|          | **TOTAL**                                        | **6**   |         |               |

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>FORESTRY Course</th>
<th>Instructor</th>
<th>WILDLIFE Course</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>May 9-13</td>
<td>FOR 273</td>
<td>Catts/Haunsperger</td>
<td>FW 314</td>
<td>Buckel</td>
</tr>
<tr>
<td>2</td>
<td>May 16-20</td>
<td>FOR 273</td>
<td>Catts/Haunsperger</td>
<td>FW 311</td>
<td>DePerno</td>
</tr>
<tr>
<td>3</td>
<td>May 23-27</td>
<td>FOR 273</td>
<td>Catts/Haunsperger</td>
<td>FW 311</td>
<td>DePerno</td>
</tr>
<tr>
<td>4</td>
<td>May 30–June 3</td>
<td>FOR 264</td>
<td>Moorman</td>
<td>FW 311</td>
<td>DePerno</td>
</tr>
<tr>
<td>5</td>
<td>June 6–10</td>
<td>FOR 261</td>
<td>Braham</td>
<td>FW 312</td>
<td>Kwak</td>
</tr>
<tr>
<td>6</td>
<td>June 13 – 17</td>
<td>FOR 265</td>
<td>Roise</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>7</td>
<td>June 20 – June 24</td>
<td>FOR 204</td>
<td>Catts/Snider</td>
<td>FW 313</td>
<td>Pacifici</td>
</tr>
<tr>
<td>8</td>
<td>June 27- July 1</td>
<td>FOR 204</td>
<td>Catts/Snider</td>
<td></td>
<td></td>
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<tr>
<td>9</td>
<td>July 4 – July 8</td>
<td>Vacation</td>
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</tr>
<tr>
<td>10</td>
<td>July 11 – 15</td>
<td>FOR 261</td>
<td>Braham</td>
<td></td>
<td></td>
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</table>
Eligibility to attend summer camp is stated in the respective curriculum guidelines. However, final approval for summer camp registration will be made by Dr. Gary Blank (Department of Forestry and Environmental Resources, Director of Undergraduate Programs) for forestry students and Dr. Chris DePerno (Coordinator, Fisheries/Wildlife Curriculum) for fisheries/wildlife students. Students who have a question about academic eligibility should contact Dr. Blank or Dr. DePerno.

Course grades are based on examinations, reports, and exercises. See individual syllabi for details.

LOCATION AND FACILITIES

The summer camp program is based at the G. K. Slocum Camp located on the George Watts Hill Demonstration Forest, located 14 miles north of Durham, NC. Hill Demonstration Forest (2,478 ac) is a research and teaching forest of the Department of Forestry and Environmental Resources. It contains a variety of forest types, stand ages, wildlife habitats, ponds and streams, management regimes, and research projects. Both summer camp groups will make several overnight trips to other locations during the course of the camp program.

Students live in rustic cabins designed for 4 people. Living areas are provided with electricity, bunk beds (with mattresses), desks, lamps, chairs, and dressers. Central latrines are provided with flush toilets, sinks, mirrors, showers, and hot water. A mess hall serves three hot meals per day, Monday through Friday noon. Individuals who wish to remain at camp over the weekend may make arrangements for use of the mess hall or travel to nearby towns for meals. Most students leave camp on weekends. No food preparation is permitted in living areas.

Guests are not permitted at Slocum Camp without permission of the camp director or his designate.

Slocum Camp is equipped with a telephone, but its use is strictly limited to emergencies. The number is (919) 477-1125. Mail pickup and delivery at Slocum Camp is handled by the staff. Mailing address is: NCSU Forestry Camp, P.O. Box 71, Rougemont, NC 27572.

Commercial laundries and complete medical service are available in nearby Durham. First aid and many non-prescription medical supplies are provided free-of-charge in the faculty cabin at camp. A safety instruction manual is given at the orientation session. Students are not covered by College or University insurance, including while riding in a College vehicle. All students must complete and return the Emergency Contact spreadsheet via e-mail and the signed Code of Conduct Form to Glenn Catts/Liz Snider by 3:00 PM on 15 April.

Ample parking for personal vehicles is available at Slocum Camp. No permit is needed.
ADMINISTRATIVE AND INSTRUCTIONAL STAFF

Camp Coordinators – Glenn Catts and Elizabeth Snider

**Principal Instructors:** | **Responsibility:**
--- | ---
Dr. Jeffrey Buckel | Marine Fisheries
Mathew Haunsparger | Mapping and Mensuration
Dr. Richard R. Braham | Forest Communities
Elizabeth Snider | Silviculture
Dr. Chris DePerno | Wildlife
Dr. Roise | Fire Management
Dr. Thomas Kwak | Inland Fisheries
Dr. Chris Moorman | Forest Wildlife
Dr. Laura Pacifici | Mountain Wildlife

**EXPENSES - 2016**

Regular summer school tuition and the summer camp fee will be billed by the University. See the summer session schedule, at [http://www.fis.ncsu.edu/cashier/tuition/ugtuition.asp](http://www.fis.ncsu.edu/cashier/tuition/ugtuition.asp) for details. There is no charge for use of the cabins at Slocum Camp. Cost of meals at Slocum Camp and most costs of room and board at facilities utilized on overnight trips away from Slocum Camp are included in the camp fee noted below. **Guests will be charged $5.00 per meal.**

**Estimated Cost**

University Tuition (estimated using Summer 2015 rates for summer sessions) and projected Camp Fees:

<table>
<thead>
<tr>
<th>Curriculum</th>
<th>Resident</th>
<th>Non-resident</th>
<th>Camp Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOM</td>
<td>$2,460</td>
<td>$7,158</td>
<td>$1,605</td>
</tr>
<tr>
<td>FW</td>
<td>$1,640</td>
<td>$4,772</td>
<td>$1,329</td>
</tr>
</tbody>
</table>

The Forestry camp fee is based on $125.00 per week for food at Camp Slocum for 7 weeks, plus $655 for two 1-week field trips and one 2-day field trip away from Hill Forest, plus $75 per student to take the Commercial Pesticide Applicator’s License Test. The Wildlife camp fee is based on $125.00 per week for food at Camp Slocum for 4 weeks plus two one week trips ($796) away from camp. These costs are estimates that could change. There may be additional costs during travel on field trips.

Transportation for all instructional activities, including extended overnight trips, will be provided. **Minor additional expenses for meals during extended travel for field trips will also be incurred.**
BOOKS AND EQUIPMENT

Personal Items
Students should bring clothing suitable for vigorous activities in the woods. Sturdy field boots, rain gear, and sweaters or jackets early in the summer are essential. It is usually surprisingly cold the first week or so of camp. Work gloves (preferably with leather palms) are recommended for all students. **Lack of proper clothing will not excuse students from class or duties.** Students must provide their own pillows and bedding, either a sleeping bag or sheets and blankets, and personal articles such as toiletries. Recommended items include water bottle, small pack, insect repellent, duck tape (for tick defense), sunscreen, sunglasses (polarized if possible), hat, and flashlight. Also recommended for fisheries/wildlife students are binoculars, swim suit, chest waders or hip boots if available, fishing tackle if available, and old tennis shoes for aquatic studies.

Books and Academic Equipment
The following books and items of equipment are required (unless otherwise noted). Books will be available at the NCSU Bookstore (unless otherwise noted), and should be purchased prior to the opening of Camp. **No books or supplies are available for sale at camp.** A limited reference library will be available at camp. Note: Required texts are **bolded and italicized** below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Required Texts</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOR 204:</td>
<td>Coursepak (provided)</td>
</tr>
</tbody>
</table>
| FOR 261:    | *Classification of the Natural Communities of North Carolina.* N.C. Natural Heritage Program  
| FOR 264:    | Coursepak provided  
*Forest Plants of the Southeast and Their Wildlife Uses*. Miller & Miller  
Thayer’s Guide to Birds on N. America Software (strongly suggested) |
| FOR 265:    | Required texts detailed in equipment order, and bundled to get discount. |
Coursepak (provided) |
| FW 311:     | (1) Summer Camp Coursepak (provided)  
(2) *The Sibley Guide to the Birds*, David Allen Sibley (or suitable substitute)  
(3) *North America Trees*, Preston and Braham, or *Trees of the Southeastern United States*, Duncan and Duncan (may be out of print).  
(4) *Thayer’s Guide to Birds on N. America Software*  
(5) *Forest Plants of the Southeast and Their Wildlife Uses*, Miller & Miller  
(8) *Research and Management Techniques for Wildlife and Habitats*, Bookhout |
| FW 312:     | No texts required. |
| FW 313:     | No texts required. |
Students must provide their own materials needed for producing reports and taking notes such as writing tools and paper, hand calculator, dictionary, and clipboards. Limited drawing equipment will be available on loan at camp. Laptop computers will be available for class assignments and producing reports. Students are encouraged to bring their own computers. Surge protectors are recommended.

Wildlife students will need a handheld, recreation-grade GPS unit. If the student wants to supply their own GPS unit, they will still need to purchase or supply a two-way radio for communication use during class. If you have your own comparable GPS, bring it -- there is no need to purchase a new one. Although the GPS unit is expensive, a well-trained biologist must be experienced in using GPS, and having your own is the best way to get started. Wildlife students also need the *Thayer Guide to Birds of North America* and a Silva compass.

**CAMP OPERATIONS**

Meals will be served as follows: Breakfast 6:30 a.m. - 7:00 a.m.; Lunch 11:30 a.m. - 12 noon; Supper 5:30 p.m. - 6:00 p.m., Monday through Friday lunch. To minimize expenses and maintain satisfactory living and working conditions, each student will be expected to share in the general camp maintenance. A few duties are listed below:

1. Clean showers and toilets daily.
2. Serve meals and clean the mess hall.
3. Clean classrooms daily.
4. Clean cabins periodically.
5. Keep personal areas clean and neat.
6. Clean camp grounds and common areas daily.
7. Clean and maintain equipment.

A duty schedule will be distributed at the orientation session.

**REGULATIONS**

1. Camp is operated by the Department of Forestry and Environmental Resources. Faculty and students are subject to North Carolina State University campus rules and regulations.
2. Vehicles furnished by the University will be used only for official business as approved by the faculty.
3. All school-owned equipment used by students must be checked out. Lost or broken items will be paid for by individuals, crews, or the entire class.
4. Forest areas used for research programs will not be disturbed; care must therefore be taken to avoid disturbing stakes, posters, or other markers. Cutting and blazing of trees will be permitted only upon approval of the instructor.
5. Firearms and fireworks are prohibited at Slocum Camp.
6. The living conditions in camp will not allow pets.
7. Student parking in the camp will be controlled by the Camp Director.
8. If you want to fish, you must have a valid North Carolina fishing license.
9. Quiet hours will be strictly observed after 10:00 p.m.
10. All individuals will be appropriately dressed outside their own quarters, especially during meals.
11. Refrigerators, hot plates, televisions, stereos, air-conditioners, and other appliances that use large amounts of electricity are **not** permitted, because of limited electrical capacity.
12. Policy on use of alcoholic beverages and illegal drugs is the same as that in effect on campus with the exceptions noted below.

It is the intent of the College of Natural Resources that all policies relating to the possession and use of alcohol and illegal drugs on forest properties managed by the College of Natural Resources comply fully with the N.C. general statutes, N. C. State University policies, and applicable city/county ordinances, and that these policies demonstrate a sensitivity to the issues surrounding alcohol and illegal drug use. Specific extensions of the University policy in effect during the summer camp program are as follows:

1. **Possession and consumption of alcoholic beverages is not permitted in Camp Slocum or Hill Forest or at anytime on field trips.**
2. The illegal possession, manufacture, sale or delivery of any controlled substance (except for prescription medicine) is prohibited.

Students are responsible, as citizens, for knowing about and complying with North Carolina laws relating to alcohol and illegal drugs and to the policies of the University and summer camp. Misuse of these substances is not conducive to the advancement of academic knowledge and understanding, nor compatible with the high level of professionalism to which we aspire. **Students violating this policy will be dismissed from Summer Camp. No refunds will be made.**

### Policy on Ethical Academic Conduct

Developing a pattern of ethical conduct and strengthening personal integrity are as much a part of your university experience as is mastering subject matter to which you are exposed. The faculty in the Department of Forestry and Environmental Resources expects that studies and life at North Carolina State University will enhance your understanding of ethical practice and your resolve to maintain personal integrity in the face of challenges.

The faculty recognizes that academic and professional life may present numerous opportunities to deviate from expected ethical standards and that each presents a challenge. Some kinds of unethical conduct are obvious--e.g., copying answers to test questions from another's paper, or incorporating material written by others without due credit and submitting it as your own. Other examples are not so clearly defined--e.g., failing to identify the products of collaborators or capitalizing on the ideas of others without giving proper credit. The faculty expects that in all such situations you will remember that each temptation successfully met strengthens your ability to resist the next, and each failure of resolve weakens your ability to withstand the next temptation. Failures will be treated seriously, with consequences appropriate to the situation surrounding the failure.
Erosion of personal integrity brings two kinds of penalties. The first and most important, but the most difficult to identify, is loss of self-esteem and self-respect. Those who maintain high standards simply feel better about themselves, and their performance reflects that situation.

The second kind of penalty is more tangible and receives greater publicity. In the context of coursework, it includes such possibilities as receiving a failing grade on a test or assignment, receiving a failing grade for the course, and being suspended or expelled from the university. In the larger professional context, transgressions may cause loss of your career or invoke civil and criminal penalties, even imprisonment.

Academic dishonesty and applicable sanctions are well described in the *North Carolina State University Code of Student Conduct and Regulations* or the *North Carolina State University Student Handbook*. Details of textual source documentation can be reviewed in *The Use and Misuse of Source Materials*, which is required in FOR 110 and NR 100. Students should keep and refer to it throughout their career to avoid possible misunderstanding concerning plagiarism. For graduate students, *Honor in Science*, a publication of Sigma Xi detailing ethical expectations and behaviors associated with scientific endeavors is available from graduate advisors.

As a reminder of the importance of ethical conduct and personal integrity, students in the Department of Forestry and Environmental Resources may be required to sign the following pledge on works submitted:

"I have neither given nor received unauthorized aid on this test or assignment."

If you have any questions concerning the definition of unauthorized, check with your professor.

**PARTICIPATION AND COOPERATION**

A "can-do" professional attitude is expected of all students. Much of the learning that occurs at summer camp is through the informal interactions among the students and between students and faculty. The camp program is a challenging one that involves substantial intellectual and physical effort in an environment of close association with peers and faculty for extended periods. To achieve the objectives of the camp program, students must work together with a cooperative spirit that supports the group learning goals and promotes high standards of academic success and personal behavior. The camp faculty and staff are confident of your positive response to the challenge. We welcome your questions and suggestions and we look forward to a successful and enjoyable Summer Camp experience.