For each elective session rank your priorities from 1 to 4 (1= highest priority 4= lowest priority):

**Wednesday, August 20, 2014**

*Elective Sessions*
- Avian Research Techniques
- Forestry Basics
- Radio Telemetry
- Insect Sampling Techniques

**Thursday, August 21, 2014**

*Elective Sessions*
- Stream Characterization and Hydrologic Monitoring
- Mammal Research Techniques
- Forest Ecology
- Nature Photography

*Elective Sessions*
- Groundwater Monitoring
- Amphibian/Reptile Sampling Methods
- Woodland Herbs and Edibles

**Friday, August 22, 2014**

*Elective Sessions*
- Aquatic Sampling Techniques
- Tree and Shrub ID
- Recognizing Wildlife Sign
- Soils and Soil Sampling

Environmental Career Skills Program

August 19 - 22, 2014

Cornell University
214 Fernow Hall
Ithaca, NY 14853

**What is the Environmental Career Skills Program?**

Environmental Career Skills Program is an intensive, hands-on field course. Students and future leaders in environmental or natural resource professions are instructed and trained in essential environmental tools and modern field techniques by some of Cornell’s leading scientists.

**Program Description**

Environmental Career Skills is a 3-day immersion course hosted by Cornell’s Department of Natural Resources. The course takes place at the Arnot Teaching and Research Forest, a semi-isolated, wooded setting with woodland flora and fauna, streams, ponds, and 100-year-old forest stands. Located 15 miles southwest of Ithaca, NY, the Arnot provides ample opportunity to study the methods and principles of conservation ecology, forestry, and stream ecology, and to learn techniques for studying amphibians, reptiles, birds and mammals.

Develop essential skills, gain hands-on experience, and get a head start in techniques that are critical to your career

- Wildlife and plant identification and natural history
- Forest ecosystem assessment techniques
- Modern field sampling techniques like telemetry, digital acoustical analysis, and remote sensing
- Mapping and orienteering
Who Should Attend?
Any student interested in hands-on training in ecology, conservation, and modern field sampling methods will benefit from this course. Students in the following majors may find the course especially beneficial:
- Natural Resources
- Environmental Science & Sustainability
- Plant Biology
- Ecology and Evolutionary Biology
- Biology
- Biological and Environmental Engineering
- Animal Science
- Landscape Architecture
- City and Regional Planning
Incoming freshmen will have the opportunity to connect with peers and faculty who share their interests, and develop a “sense of community” prior to the start of classes.

Tentative Agenda

Tuesday, August 19, 2014
Arrival and Cabin Selection
Welcome and Program Orientation
Making Connections
Anabat Demonstration - Learn about this modern tool that allows scientists to hear and differentiate among bat calls

Wednesday, August 20, 2014
Finding Your Way - Learn map-reading and orienteering skills that are critical when working anywhere in the outdoors. These skills include pacing, compass-reading, and applied map-reading

Elective Sessions
- Avian Research Techniques
- Forestry Basics
- Radio Telemetry
- Insect Sampling Techniques

Woodland Olympiad - Hands-on instruction and tests of your outdoor skills in the context of friendly group competition that includes events such as axe-throwing, archery, lure casting, etc.

Owl Walk

Thursday, August 21, 2014
Identifying Organisms - Learn how to identify many of the organisms in our area, use dichotomous keys, and recognize common tree species

Global Positioning Systems
- Master basic GPS skills and learn how to map habitats

Elective Sessions
- Stream Characterization and Hydrologic Monitoring
- Mammal Research Techniques
- Forest Ecology
- Nature Photography

“Besides just having fun I’ve met awesome people all of whom are interested in the same things as me.”

“This course really jump started my career.”

Elective Sessions
- Aquatic Sampling Techniques
- Tree and Shrub ID
- Recognizing Wildlife Sign
- Soils and Soil Sampling

Depart for campus - 1:30

Friday, August 22, 2014
Community and Habitat Sampling Techniques
- Learn to use important sampling methods like quadrats, line transects, point-center, and stratified random vs. uniform sampling.

Elective Sessions
- Aquatic Sampling Techniques
- Tree and Shrub ID
- Recognizing Wildlife Sign
- Soils and Soil Sampling

Depart for campus - 1:30

Registration/Payment Form
The cost of the course is $515/student and includes all meals, bunk-style cabin lodging at the Arnot Forest, instruction, and educational materials. A $100 non-refundable deposit is required to pre-register. Payment in full must be made by August 6, 2014.

Please complete both sides of registration form. You will receive registration confirmation prior to the program.

Name: ____________________________
Address: __________________________
Emergency contact name: _______________
Phone: (_____)_________________________

*Early move in? ___ yes __ no (deadline 7/15/14)

T-shirt Size: ___S ___M ___L ___XL ___XXL

Dietary restrictions, food allergies __________________________

Return form with check made payable to Cornell University to: ECS Program, PO Box 6741, Ithaca, NY 14850. Registration info. e-mail: dlt5@cornell.edu

Or register online, with payment in full (payment includes, $100 non-refundable deposit) by credit card at: www.arnotconservation.info

Program questions? Kristi Sullivan, 607-255-5508 or kls20@cornell.edu or visit our web site at: www.arnotconservation.info

*Early move in is available if you would like to move your belongings into your dorm on Tuesday before the program begins. $38 per night will be added to your bursars bill. You must notify us by July 15, 2014 to take advantage of this option.

Acct#: 1473603