

Ecology 8000, Fall 2016

August 16, 2016

Goals for the course

- Provide intellectual cohesion and familiarity with a range of concepts
- Promote broad thinking outside of one's own subdiscipline; illustrate that thinking broadly often leads to better science
- Getting comfortable outside one's comfort zone
- Establish a common vocabulary and base of concepts
- Facilitate active engagement
- How to discern the cutting edge of a discipline
- Build the strength/sense of the cohort

Course overview

- Introduction: Day 1
- 4 Modules
- Transition days between modules
- Field trip to Coweeta
- Final wrap up day

August				September					October					November				Dec.											
Wk1	Wk2	Wk3	Wk4	Wk5	Wk6	Wk7	Wk8	Wk9	Wk10	Wk11	Wk12	Wk13	Wk14	Wk15	Dec.														
16	18	23	25	30	1	6	8	13	15	20	22	27	29	4	6	11	13	18	20	25	27	1	3	8	10	15	17	29	1

- Gray - Non-module days
- Light Green - denotes the day before the field trip
- Each color block is a module

Introduction

- Important aspects of graduate school:
 - ▶ Your peers are resources
 - ▶ You are a member of the community
 - ▶ Empowerment
 - ▶ Discussions and conversations are where the magic happens
- What is ecology?
- What makes a good scientist?

Introduction

- Important aspects of graduate school:
 - ▶ Your peers are resources
 - ▶ You are a member of the community
 - ▶ Empowerment
 - ▶ Discussions and conversations are where the magic happens
- What is ecology?
- What makes a good scientist?

Introduction

- Important aspects of graduate school:
 - ▶ Your peers are resources
 - ▶ You are a member of the community
 - ▶ Empowerment
 - ▶ Discussions and conversations are where the magic happens
- What is ecology?
- What makes a good scientist?

Field trip

- Leave Friday at \approx 2 pm
- Friday afternoon: quick survey to familiarize with CWT, craft a study proposal and present to the group Friday night
- Stay in CWT dorms (we will cook meals in the kitchens together - everyone will contribute \approx \$20 for food)
- Saturday: collect data
- Sunday AM: analyze data
- Sunday PM: presentations
- Return Sunday night around 8 pm

Review paper

- TREE format review/synthesis paper
- Will be reviewed by a faculty member, a senior graduate student and someone in the class
- Outlines can be briefly discussed in class 9/8
- Outline due 9/13 at the beginning of class
- First draft due 10/6 at the beginning of class
- First submission due 11/1 at the beginning of class
- Peer reviews returned by 11/14 at 5 pm
- Final submission that incorporates reviewers' comments along with cover letter due 12/5 at 5 pm