

Bio. Sci. 261
Ecology and the Environment

Fall 1993
Hairston & Feeny

TRACK 2 INFORMATION AND SCHEDULE

Information

Meeting time: Thursdays, 1:25, Riley Robb 225

T.A.: Merrill Peterso

#443 Corson Hall, 5-3017

Office Hours: By appointment

Schedule

Week 1(9/2)

Discussion: Organizational meeting

Writing assignment #1 (2-3 pp.)

Assignment for week 2 discussion: Read and prepare for global warming debate

Week 2 (9/9)

*Writing assignment #1 due.

Discussion: Debate on evidence for global warming, causes of it, consequences

Writing assignment #2 (3-4 pp.)

Week 3 (9/16)

*Writing assignment #2 due.

Discussion and assignment: Walk to wildflower garden, ask and hand in ecological questions that come to mind.

Assignment: Life table exercise

Week 4 (4/23)

*Life table assignments due.

Discussion: Construction, interpretation, and use of life tables

Assignment: In-class writing exercise

Week 5 (9/30)

Hand out readings for week 6 discussion.

Discussion: Addressing ecological questions through experiments/observation

Writing assignment #3 (5 pp.)

Week 6 (10/7)

*Writing assignment #3 due.

§Discussion: competition

Assignment: In-class writing exercise

Week 7 (10/14)

§Discussion: AIDS epidemiology

Assignment: Peer review

Week 8 (10/21)

*Peer reviews due.

Discussion:coevolution

Assignment: In-class writing assignment

Assignment for week 9 discussion: Read and prepare for biocontrol debate

Week 9 (10/28)

Discussion: Debate on classical vs. neoclassical biocontrol methods.

Assignment: revision of writing assignment #3

Week 10 (11/4)

*Revisions of writing assignment #3 due

§Discussion: The meaning and importance of biodiversity Writing assignment #4 (7 pp.)

Week 11 (11/11)

*Writing assignment #4 due.

§Discussion:Designing habitat preserves using island biogeography theory.

Assignment: Peer review

Week 12 (11/18)

*Peer reviews due.

§Discussion: Gaia

Writing assignment #5 (5 pp.)

Week 13 (11/25) No class: Thanksgiving

**Monday 11/21:Get reviewer comments.

Writing assignment #5 due.

Assignment: revision of writing assignment #4

Week 14 (12/2)

*Revisions of writing assignment #4 due

Discussion:wrapping it up

§ = Student-led discussion