
ENVIRONMENTAL STUDIES 95

Introduction to Environmental Careers and Internships

Instructor: Julie Phillips

E S –095. –55
FALL 2005

Call #0623
1.0 Unit

De Anza College, Division of Biological, Health & Environmental Sciences, Environmental Studies Department
Mediated Learning Course available at Kirsch Center, KC 239, or see Pat – KC 218 – (408)864-8628

DESCRIPTION

This **mediated learning course (available on videotape)** is an introduction to career options and 2 year and 4 year programs in the field of environmental studies including energy management technology, conservation biology, environmental education, ecological restoration, watershed management, environmental law, and other related careers. The benefits of environmental studies to society will also be discussed. Opportunities for internships in business, industry, public agencies, academia, and non-profit organizations will be explored. **Students will prepare a study plan for their degree, certificate or transfer track Environmental Studies academic plan.**

Students may view the videotapes at KC 239 or tapes are available for two day (48 hour) checkout at KC 239. PLEASE do not checkout tapes if you cannot return them on time!! Please respect the other students who are also utilizing these tapes!

PLEASE CONTACT ES Department Mediated Learning Coordinator, Nichole Chaney, KC 239 or call (408)864-8628 or Pat Cornely, ES Dept office KC 217 if you have any questions regarding the ES 95 tape loan process!

PREREQUISITES

Eligibility for EWRT 100A, Reading 201 or ESL 161-163 is advised.

INSTRUCTOR INFORMATION: **JULIE PHILLIPS**

Office Hours Held: Please visit KC 219 or Phillips website for office hours
Phone/Voicemail #: (408) 864-8655
Office Location: KC 219 or ES Department Office – KC 217
E-mail Address: phillipsjulie@fhda.edu OR tuleelk@comcast.net
Phillips Faculty Site: <http://bhs.deanza.edu/faculty/jPhillips/>
ES Dept website: <http://EnvironmentalStudies.deanza.fhda.edu/es/>

REQUIREMENTS

Be prepared to spend 3 hours per week viewing the class tapes and studying the course materials.

1. **Please visit the Kirsch Center, KC 239 (upstairs)** to receive instructions for this course including videotape check-out schedule, assignment instructions and other information.
2. **Tape check-out will serve as the attendance record.**
3. View the six two-hour teleclasses.
4. Complete all readings – **no journal is required.**
5. Complete and turn in an **Academic Study Plan to KC 239, ES Department Office KC 217, or Julie Phillips' office, KC 219, by Monday, December 12.**

OBJECTIVES

After completing the reading assignments and watching the video programs, you should be able to:

1. Explore career options in the environmental field and assess its value within society.
2. Review the degree/certificate options in Environmental Studies
3. Compare and contrast the various University Environmental Studies Programs
4. Development of an academic plan for the certificate, degree or transfer track options in Environmental Studies.
5. Explore internship opportunities in business, industry, public agencies, academia, or non-profit organizations related to the student's field of study.

COURSE MATERIALS

Note: Textbooks are available at the bookstore!

Required Textbook: Doyle, K., Complete Guide to Environmental Careers in the 21st Century, Island Press, Environmental Careers Organization (ECO), 1998, ISBN 155963586x.

Optional Textbooks: Fasulo and Walker, Careers in the Environment, 2000, 2nd Edition, ISBN 0658002244; AND Degalan and Middlekauf, Great Jobs for Environmental Studies Majors, Contemporary books, Inc., ISBN 0658016520

MEDIA COMPONENTS AND AVAILABILITY

Six two-hour *Introduction to Environmental Studies* video programs.

Viewing Options for *Introduction to Environmental Careers & Internships* video programs:

- View programs at Kirsch Center, KC 239.
- Check out tapes from the KC 239 to view on campus or at home.
 - ID Card required
 - One tape at a time may be checked out for two days (48 hours)
 - Return tapes to the KC 239 (please report any videotape technical problems).
 - **Late fines: \$2.00/day (maximum fine-\$25.00); replacement/lost tape charge: \$25.00/tape.**

STUDY EACH WEEK'S ASSIGNMENTS

The course content comes from the teleclasses and assigned readings.

Work on the lessons in the following order:

- a. Read and complete the course assignments (do not turn in!) (prior to the next teleclass).
- b. Watch the teleclass lecture.
- c. Complete the required assignments related to the **Academic Plan** (see the Assignment Schedule).

COMPLETE THE WRITTEN ASSIGNMENTS

1. **Homework Assignment:** There are four assignments, which will assist you in writing your Academic Plan. You are not required to turn in these assignments!! These assignments should be used to develop your Academic Plan.
2. **Academic Study Plan:** Each student will develop an Academic Study Plan. This is worth 50 points!

Submitting Assignments: Submit the Academic Plan to Kirsch Center, KC 239 or KC 218 with the attached cover sheet completed.

Your Academic Plans will be included in the Environmental Studies ES 95 historical archive binder, which will be available in the Kirsch Center for Environmental Studies in Fall 2005. If you do not wish your plan included in that historical binder, please indicate so on your plan.

GRADING

There is an Academic Study Plan required for this course.

Final Grades:

Point Breakdown:

Grading Scale:

Academic Study Plan	<u>50</u>	A	88 – 100%
<i>Total Points</i>	50 points	B	78 – 87%
		C	68 – 77%
		D	55 – 67%
		F	

You may access your final grades through the Star System [408-777-9394 or 650-917-0509] or the Internet [<https://regserv.fhda.edu/da-grades.html>].

Higher Education's Ecological Mission

(Excerpt from Richard Clugston, Education for the Earth)

“We, the presidents, rectors, and vice chancellors of universities from all regions of the world, are deeply concerned about the unprecedented scale and speed of environmental pollution and degradation and the depletion of natural resources. . . (P)ollution. . . toxic wastes. . . and depletion of the ozone layer. . . threaten the survival of humans and thousands of other living species, the integrity of the earth and its biodiversity, the security of nations, and the heritage of future generations.

We believe that urgent actions are needed to address these fundamental problems and reverse the trends. . . University heads must provide the leadership . . . so that their institutions respond to this urgent challenge. We, therefore, agree to take the following actions. . .

- Encourage all universities to engage in education, research, policy formation, and information exchange on population, environment, and development to move toward a sustainable future.
- Establish programs to produce expertise in environmental management, sustainable economic development, population, and related fields to ensure that all university graduates are environmentally literate and responsible citizens.
- Set an example of environmental responsibility by establishing programs of resource conservation, recycling, and waste reduction at the universities.

*-Adapted from The Talloires Declaration,
University Presidents for a Sustainable Future, October 1990*

“Introduction to Environmental Careers” Assignment Schedule

2005/06

Week: ASSIGNMENT DUE DATES!	This Week’s Topics	Assignments	Teleclass to View & Teleclass' Call #
Teleclass 1:	Introduction to Careers in Environmental Studies Overview of Environmental Programs <u>Guest Lecture: Jean Christiansen</u> <u>Guest Lecture: Lynne Trulio</u>	<u>Assignment this week:</u> Do a web search on environmental careers of interest to you – include in Academic Study Plan Develop interview questions Counseling Department, DAC San Jose State University	1
Teleclass 2:	Careers in Environmental Studies Overview of Environmental Programs <u>Guest Lecture: Virginia Waik and Rosanna Lerma</u> <u>Guest Lecture: Rocky Rohwedder</u>	<u>Assignment this week:</u> Do a web search on a 4 year University Environmental Studies Program – include in Academic Study Plan Career Options: Energy Management Technology Sonoma State University	2
Teleclass 3:	Careers in Environmental Studies Skill-building Overview of Environmental Programs <u>Guest Lecture: David Blackburn</u> <u>Guest Lecture: Chris Hasegawa</u>	<u>Assignment this week:</u> Write your “mission” statement for the next three years – include in Academic Study Plan Career Options: Government Agenices/National Park Service CSU Monterey Bay	3

Teleclass 4:	Careers in Environmental Studies Resume writing for Environmental field Overview of Environmental Programs <u>Guest Lecture: Deborah Stern</u> <u>Guest Lecture: David Brown</u>	<u>Assignment this week:</u> Identify at least 3 skills that you feel would be valuable in your studies or career - include in Academic Study Plan Resume Writing CSU, Chico	4
Teleclass 5:	Careers in Environmental Studies Overview of Environmental Programs <u>Guest Lecture: Kelly Lerner</u> <u>Guest Lecture: Michael Kutilek</u> <u>Guest Lecture: Joan Safford</u>	<u>Assignment this week:</u> Draft your Academic timeline for the next three years – include in Academic Study Plan Career Option: Green Architecture Conservation Biology, SJSU Cal Poly, Pomona	5
Teleclass 6:	Internships in Environmental Studies Overview of Environmental Programs <u>Guest Lecture: Audrey Rust</u> <u>Guest Lecture: Willard Chin</u> <u>Guest Lecture: Randy Southard</u>	<u>Assignment this week:</u> Bring draft of Academic Study Plan to class Career Options: Peninsula Open Space Trust USEPA UC, Davis	6
YOUR ACADEMIC PLAN IS DUE ONCE YOU FINISH VIEWING THE SIX TAPES OR BY <u>Monday, December 12!</u>		Final Academic Study Plan (including weekly assignments) due to instructor for FALL 2005 Quarter by <u>Monday, December 12</u>– submit to Kirsch Center, KC 239 or KC 219	

Environmental Studies Department Homework Cover Sheet
Please make a copy of this cover sheet and attach it to all assignments that
Are turned into the Kirsch Center, KC 239 or (see Pat Cornely, KC 218, or call (408)864-8628)

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Assignment Title: Student Academic Plan

Your Last Name: _____

Your First Name: _____

Your Student ID#: _____

Your Phone #: _____

Your email address:

Total pages included: Cover Sheet + _____ pages

Date assignment submitted: _____

Any comments to instructor about your assignments: