



ENVIRONMENTAL ANTHROPOLOGY FIELD SCHOOL

Fall 2007

Instructors:

Title:	Chair, Dept. of Anthropology	Student Engagement Specialist (AmeriCorps)
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Class Meets:	Fri.: 8 am – 5 pm at various field locations; carpools depart from loading zone south of Snohomish Hall at 8:00 am. No class on Oct.	

Course Content:

The Learn-n-serve Environmental Anthropology Field (LEAF) School consists of a sequence of courses in Human Ecological Stewardship. These classes employ the methodology of service-learning to introduce you to the study of relationships between people and ecosystems. Hands-on environmental work in the community is combined with lectures, field trips, note-taking, and reflection activities to provide a holistic learning environment that engages all senses as we learn through service.

Service-learning combines service objectives with learning objectives with the intent that the activity changes both the recipient and the provider of the service. This is accomplished by combining service tasks with structured opportunities that link the task to self-reflection, self-discovery, and the acquisition and comprehension of values, skills, and knowledge content (www.servicelearning.org).

The LEAF School works with local governments (tribes, cities, counties, state) and environmental non-profits to help make farming, fishing and forestry more sustainable.

Projects vary by quarter but include maintaining an ethnobotanical garden; restoring habitat for salmon and other species; surveying shellfish habitat; assisting with salmon reproduction; monitoring and evaluating restoration projects and Native Growth Protection Areas; supporting environmental education; surveying people, plants and animals on Jetty Island; mentoring youth with disabilities, and more! Throughout these service experiences you will be introduced to government, tribal, and non-profit organizations and their staff. You will learn how the non-profit, educational, business, and government sectors can work together to address social and environmental problems.

Learning Objectives:

By the conclusion of Anthr 101, Human Ecology I, you should be able to:

- Describe the significance of relationships between human social systems and the ecosystems in which they participate (critical thinking).
- Outline the steps of the scientific method and participate directly in collaborative field-based activities employing scientific approaches to ecological stewardship (critical thinking, quantitative skills, oral and written communication, group interaction).
- Define and explain the theory of evolution and its impact on humans and their ecosystems (critical thinking, oral and written communication).
- Identify and assist government agencies and non-profit organizations involved in sustainable development (group interaction, critical thinking).
- Maintain field notes recording and quantifying human interventions in local ecosystems (oral and written communication, quantitative skills).
- Reflect orally and in writing on the value of service as a means of making a difference in a community (group interaction, oral and written communication).
- Distinguish between sustainable and unsustainable human-ecosystem interactions (critical thinking).
- Identify the crucial role of culture in the sustainability of human-ecosystem interactions (critical thinking, cultural diversity).

By the conclusion of Anthr 102, Human Ecology II, you should also be able to:

- Prepare an annotated bibliography and literature review focused on a local environmental problem (oral and written communication, critical thinking).
- Serve as a team leader in selected group activities (group interaction).
- Assist with training of students new to ecological stewardship (group interaction, oral and written communication).

By the conclusion of Anthr 103, Human Ecology III, you should also be able to:

- Evaluate the prospects of success for a local environmental initiative aimed at solving an environmental problem (quantitative skills, oral and written communication, critical thinking).
- Serve as a team leader in all group activities (group interaction).
- Lead training sessions of students new to ecological stewardship (group interaction, oral and written communication).

- Serve as a liaison with selected community partners (group interaction, oral and written communication).

Meeting Times and Locations:

The class meets Fridays from 8 am – 5:00 pm at various field sites. No class meeting is scheduled for October 12th or November 23rd. Students will be rewarded with extra credit for carpooling to and from field sites.

You will receive a field packet for each site's activities. The packet will include carpool departure times, learning objectives for each field project, appropriate attire, information about our community partners, small reading assignments, map and directions to the site, and additional instructions and resources as needed.

Attendance in class and the field is mandatory. In the event that you cannot avoid being absent or tardy you must notify the instructor. If your conflict occurs the morning of a class then you must contact the instructor via cell phone (425-478-5567). In cases of absences you will be expected to make-up all missed hours of class through participating in optional service projects (see list below). If you are late and miss a carpool it is your responsibility to get to and from the field sites on your own.

No smoking during class except when the class is on a scheduled break. Smoking during breaks should take place only in designated areas or at least 25 feet from buildings and non-smokers (unless they specifically grant you permission to smoke in their presence).

Required Texts and Resources:

Copies of selected reading materials will be available via Blackboard and provided in your field packets. In addition to these materials you are required to purchase the following items. They are available in the college store.

- Gerald G. Marten, *Human Ecology: Basic Concepts for Sustainable Development* (Sterling, VA: Earthscan Publications, 2001).
- *Cascadia Scorecard: Seven Key Trends Shaping the Northwest* (Seattle, WA: Sightline Institute, 2007).
- “Rite in the Rain”: All-Weather Writing Paper. Horizontal Line, All-Weather Spiral, No. 393N. (Must include numbered pages.)

I recommend purchasing a copy of the following text. You will find it to be a valuable aid in learning to identify native plants and their traditional uses.

- Jim Pojar and Andy MacKinnon, *Plants of the Pacific Northwest Coast* (Redmond, WA: Lone Pine Publishing, 1994).

The Governor's Puget Sound Partnership (formerly Puget Sound Action Team) and Sightline Institute (formerly Northwest Environment Watch), two of our community

partners, have donated the following textbooks. We will provide copies of the first two for you in class. The third is available for your checkout from the library.

- *State of the Sound 2004*. Olympia, WA: Puget Sound Action Team, Office of the Governor, 2004.
- *State of the Sound 2007*. Olympia, WA: Puget Sound Action Team, Office of the Governor, 2007.
- John Ryan and Alan Durning, *Stuff: The Secret Lives of Everyday Things*. Seattle, WA: Northwest Environment Watch, 1997.

You should be prepared to bring the following items with you for field activities:

- Lunch with appropriate dishes and utensils.
- Water (we will bring a cooler of water each day but you will need to bring your own bottle, mug or cup).
- One pair of leather gloves.
- One pair of rubber-palmed gardening gloves.
- Water-resistant coat, pants, and boots (for rainy days & wet projects).
- Work boots or sturdy shoes.
- Hat and sunscreen for sunny days.
- Three-ring binder with pockets for holding field manual and packets.
- Global Positioning System (GPS) receiver (optional).
- Binoculars (optional).
- Additional items or attire as noted in field packets.

This is a Blackboard-Enhanced course.

- Successful completion of student responsibilities in the class requires access to Blackboard via an Internet browser. You are expected to log into the Blackboard classroom at least once per week to download or link to reading assignments, lecture, and field supplements.
- Instructions for access to Blackboard may be located online at the following address: http://online.edcc.edu/study/Bb_login.html
- Toll-free technical support (24/7) 1-866-886-4854
- Online support (924/7) at <http://blackboard.edcc.edu> (Click Help button located on the top of the page)

Learning Opportunities for Students of All Abilities:

We are committed to making this course a meaningful learning experience for students of all abilities. The class is supported, in part, by a grant from the American Association of Community Colleges' Project Reach, an effort to extend service-learning opportunities to students with disabilities.

If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425-640-1320, ssdmail@edcc.edu and notify the instructor of needs that will enable you to be successful in this class. You are never expected to complete any tasks in the class that go beyond your physical abilities. Please be sure to discuss your needs with the instructor ahead of time.

Students in Service:

Through support from Washington Campus Compact and the Corporation for National and Community Service we offer AmeriCorps education awards to eligible students in this class.

Students in Service, a part-time AmeriCorps program, enables you to earn an education award while completing class assignments. To be eligible you must be at least 17 years of age, have a high school diploma (or expect to complete one within a year), and be a U.S. Citizen or legal resident of the U.S.

The number of awards we can grant is limited. To enroll in Students in Service you need to complete the following steps as soon as possible.

- Complete an online pre-service orientation at <http://www.studentsinservice.org>.
- Attend an on-campus orientation session. You can schedule an orientation session by contacting Kerrie Murphy, 425-640-1882, kerrie.murphy@edcc.edu.
- Complete and submit your enrollment paperwork. This paperwork must be completed within two weeks of the start of class.
- Submit monthly time logs to your instructor by the tenth of each month.

Students in Service members can count field projects as direct service hours. Time spent in the campus classroom will count as member development hours (up to 20% of your total service hours). You are not permitted to count travel time to and from service sites unless you participate in a carpool from campus. In those cases you may only count the travel time from campus to the service site.

Evaluation:

Your success in this course will be measured through your mastery of the course objectives outlined above.

• Attendance (83 hours @ 2 pts. ea.):	166 pts.
• Quality of Participation (83 hours @ 2 pts. ea.):	166 pts.
• Participation in Daily Daybreak Activity (9 @ 10 pts. ea.):	90 pts.
• Leading a Daily Daybreak Activity (1 @ 10 pts.):	17 pts.
• Daily Reflection Activity (9 @ 10 pt. ea.):	90 pts.
• Leading a Daily Reflection Activity (1 @ 10 pts.):	17 pts.
• Daily Field Notes (9 @ 16 pts. per day):	144 pts.
• Field Note Spot Check (2 @ 5 pts. ea.):	10 pts.
• Quizzes (2 @ 50 pts. ea.):	100 pts.
• Eco Encore Essay (1):	100 pts.
• Oral Presentation (1):	100 pts.
Total	1,000 pts.

Up to ten points of extra credit is available for participating in the carpools (one point per day). An additional thirty points of extra credit may be earned by participating in make-up activities beyond those required to fulfill attendance and participation expectations.

Your final grade will be based upon the accumulation of points using the table below.

950 - 1000 = 4.0	860 - 869 = 3.1	770 - 779 = 2.2	680 - 689 = 1.3
940 - 949 = 3.9	850 - 859 = 3.0	760 - 769 = 2.1	670 - 679 = 1.2
930 - 939 = 3.8	840 - 849 = 2.9	750 - 759 = 2.0	660 - 669 = 1.1
920 - 929 = 3.7	830 - 839 = 2.8	740 - 749 = 1.9	650 - 659 = 1.0
910 - 919 = 3.6	820 - 829 = 2.7	730 - 739 = 1.8	640 - 649 = 0.9
900 - 909 = 3.5	810 - 819 = 2.6	720 - 729 = 1.7	630 - 639 = 0.8
890 - 899 = 3.4	800 - 809 = 2.5	710 - 719 = 1.6	620 - 629 = 0.7
880 - 889 = 3.3	790 - 799 = 2.4	700 - 709 = 1.5	0 - 619 = 0.0
870 - 879 = 3.2	780 - 789 = 2.3	690 - 699 = 1.4	

Community Partners & Service Outside of Class

A class of this caliber would not be possible without the support of community partners and funding from the American Association of Community Colleges, Washington Campus Compact, Edmonds Community College Foundation and Stilly-Snohomish Fisheries Enhancement Task Force.

Optional service outside of class can include any of the service events announced in class, listed in the class schedule, posted at <http://www.edcc.edu/ameriCorps>, or organized by any of the community partners listed below. Additional service sites may be approved if requested in advance. Transportation to and from outside service activities is on your own. To earn credit you must include a full description of the project activities in your field notes (as you would do on a class day).

Community partners are vital to the success of the LEAF School. The names and web pages of community partners with whom we have worked this quarter or others are listed below.

- Adopt A Stream Foundation - www.streamkeeper.org/
- Alderwood Manor Heritage Association -
- Earth Corps – www.earthcorps.org
- Eco Encore – www.ecoencore.org
- Edmonds Parks, Recreation, and Cultural Services - www.ci.edmonds.wa.us/
- Everett Parks and Recreation - www.everettwa.org/
- Futurewise – www.futurewise.org
- Heron Habitat Helpers – heronhelpers.org
- Homewaters Project – www.homewatersproject.org
- Mud Up – www.mudup.org
- National Parks Conservation Association – www.npca.org/northwest
- Nature Consortium – www.naturec.org
- Northwest Environmental Education Council – nweec.org
- Northwest Straits Commission - www.nwstraits.org/
- Orca Network – www.orcanetwork.org

- OneNorthwest – www.onenw.org
- People for Puget Sound - www.pugetsound.org/
- Puget Sound Keeper's Alliance – www.pugetsoundkeeper.org
- Puget Sound Partnership - www.psp.wa.gov/
- Seattle Parks and Recreation - www.ci.seattle.wa.us/parks/
- Shoreline Solar Project – www.shorelinesolar.org
- Sightline Institute – www.sightline.org
- Snohomish County – www1.co.snohomish.wa.us/
- Snohomish Conservation District - www.snohomishcd.org/
- Stilly-Snohomish Fisheries Enhancement Task Force – www.stillysnofish.org
- The Polishing Stone – www.polishingstone.org
- Transportation Choice Coalition – www.transportationchoices.org
- Tulalip Tribes – www.tulaliptribes-nsn.gov
- Stillaguamish Tribe – www.stillaguamish.nsn.us
- United Indians of All Tribes – www.unitedindians.com
- Volunteers for Outdoor Washington - www.trailvolunteers.org/
- Washington Native Plant Society – www.wnps.org
- Washington Trails Association – www.wta.org
- Wilderness Awareness School – www.wildernessawareness.org
- Whidbey Watershed Stewards – www.whidbeywatersheds.org
- WSU Beach Watchers - www.beachwatchers.wsu.edu/skagit-snohomish/

Schedule:

The schedule below indicates due dates for assignments, a tentative schedule of activities, and associated readings. Readings and assignments are to be completed prior to coming to class on the day assigned. Penalty for late submissions of assignments is 10% per day late. The activities shown on class dates in the first table below are required. The activities shown on non-class dates in the second table below are recommended as make-up and extra credit options. They include a link to the community partner's home page or contact information where you can sign up and obtain more information. Many of these events require pre-registration.

Week	Date	Activities/Partners (Locations)	Assignments
1	9/28	<ul style="list-style-type: none"> • Day of Caring planting at Meadowdale County Park with Snohomish Camano Nearshore Cooperative (Meadowdale) 	
2	10/5	<ul style="list-style-type: none"> • Jetty Island tour and planting with People For Puget Sound and City of Everett. (Everett) 	<ul style="list-style-type: none"> • Marten, Ch. 1-2 • <i>State of the Sound</i>, 2004.
3	10/12	<ul style="list-style-type: none"> • No class – campus closed. 	<ul style="list-style-type: none"> • <i>Stuff: The Secret Lives of Everyday Things</i>, all. • Selection of Eco Encore recipient organization due online by 10/11.
4	10/19	<ul style="list-style-type: none"> • Tentative Coho survey with 	<ul style="list-style-type: none"> • Marten, Ch. 3-4

Week	Date	Activities/Partners (Locations)	Assignments
		Stillaguamish Tribe (Arlington) <ul style="list-style-type: none"> Tentative tour of Standard Biodiesel factory (Arlington) 	
5	10/26	<ul style="list-style-type: none"> Set up for Make A Difference Day planting with Stilly-Snohomish Fisheries Enhancement Task Force (Duvall) Tentative visit with Wilderness Awareness School (Duvall) 	<ul style="list-style-type: none"> Marten, Ch. 5 QUIZ #1
6	11/2	<ul style="list-style-type: none"> Planting project with Adopt-A-Stream Foundation. (Location TBA) 	<ul style="list-style-type: none"> <i>Cascadia Scorecard 2007</i>, all.
7	11/9	<ul style="list-style-type: none"> Set up for planting project on Canyon Creek at Aldarra Member's Club with Stilly-Snohomish Fisheries Enhancement Task Force (Fall City) 	<ul style="list-style-type: none"> Marten, Ch. 6-7
8	11/16	<ul style="list-style-type: none"> Planting project at Barr Creek and tour of Buck Island (Monroe) Tour of Low Impact Development at Snoqualmie Gourmet Ice Cream (Maltby) 	<ul style="list-style-type: none"> Marten, Ch. 8-9
9	11/23	<ul style="list-style-type: none"> No class – campus closed. 	<ul style="list-style-type: none"> Marten, Ch. 10-11
10	11/30	<ul style="list-style-type: none"> Ethnobotanical garden and revitalization at Daybreak Star Indian Cultural Center (Seattle) 10:30 am Tour of West Point Treatment Plant in Discovery Park (Seattle) 	<ul style="list-style-type: none"> Marten, Ch. 12 <i>State of the Sound</i>, 2007
11	12/7	<ul style="list-style-type: none"> Eco Encore Campus Listing Party in ALD 104. 	<ul style="list-style-type: none"> QUIZ #2
12	12/12	<ul style="list-style-type: none"> 1:30 – 3:20 PM - FINAL ORAL PRESENTATIONS 	<ul style="list-style-type: none">
	12/14	<ul style="list-style-type: none"> Volunteer appreciation event. 	<ul style="list-style-type: none">

Optional Schedule

To earn extra credit or makeup points for the following activities you must attend and keep filed notes. Extra credit points will be awarded on the basis of the number of hours involved. In addition to the following activities you may count hours you spend outside of class volunteering at Eco Encore recipient organizations as extra credit or makeup hours as long as you document that work in your field notes.

Date	Time	Activity & Partner Link
9/28	9:30 am – 3:00 pm	United Way Day of Caring – Beach restoration at Meadowdale Park with Snohomish Camano Nearshore Cooperative. Register online at www.uwsc.org .
9/29	11:00 am – 4:00 pm	Watershed Fun Fair. Enjoy and/or volunteer at this annual family event at Yost Park in Edmonds (9535 Bowdoin Way). Contact 425-771-0227.
9/29	10:00 am – 2:00 pm	Return of the Pinks – Open House hosted by Snohomish County Surface Water Management at Osprey City Park, corner of 1 st Street & High Ave in Sultan, WA. No RSVP required. Contact Suzi Wong Swint, 425-388-6476 or s.swint@co.snohomish.wa.us , www1.co.snohomish.wa.us .
9/29	9:30 am – 1:30 pm	Day in the Park. Work with EarthCorps to help Keep Carkeek Park clean and healthy. Contact Chris LaPointe, 206-322-9296, x217, chris@earthcoprs.org .
9/30	8:30 am – 4:00 pm	Franklin Falls Trail (near Snoqualmie Pass on I-90) maintenance with Washington Trails Association, register online at www.wta.org .
10/2-5	8:30 am – 4:00 pm	Barclay Lake Trail (near Baring on Hwy 20) maintenance with Washington Trails Association, register online at www.wta.org .
10/4	7:00 – 9:00 pm	“Early Explorers of Puget Sound,” presentation by author Les Eldridge at Seattle REI, sponsored by People For Puget Sound. Fee of \$6-8. Contact Mike Sata, 206-229-2844, sato@pugetsound.org .
10/6	10:00 am – 2:00 pm	Jetty Island fall planting with People For Puget Sound and City of Everett. Contact Keeley O’Connell, 360-336-1931, koconnell@pugetsound.org , www.pugetsound.org .
10/6	10:00 am – 2:00 pm	Archaeology Day at Discovery Park. Free Admission. Visit http://dnr.metrokc.gov/wtd/tours for details.
10/6	9:30 am – 2:00 pm	IGT Railroad Archaeology Hike with Skykomish Ranger Station and Volunteers for Outdoor Washington. Contact www.trailvolunteers.org .
10/6	9:00 am – 4:00 pm	Green Everett Sustainable Energy Fair and Solar Tour at Snohomish County PUD, 2320 California St. Suggested Donation: old cell phone, ink cartridge, plastic grocery bags, or \$5. Contact 360-862-9087, www.sustainableeverett.com .
10/10	7:00 – 8:30 pm	“The Wolverine in Washington: history, distribution, and current research,” a slide show presentation at Adopt-A-Stream Foundation’s Northwest Stream Center. Fee of \$5-7. Contact 425-316-8592, aasf@streamkeeper.org .
10/12	7:00 – 9:00 pm	“Bat Night,” explore mysterious world of bats with Barbara Ogaard at Adopt-A-Stream Foundation’s Northwest Stream Center. Fee of \$5-7. Contact 425-316-8592, aasf@streamkeeper.org .
10/13	10:00 am – 1:00	Tree Planting along the Pilchuck River near Lake Stevens

