

## 2004-2005 SUNY-ESF Service-Learning Course Descriptions

<b>Class #</b>	<b>Class Title</b>	<b>Fall or Spring?</b>	<b>Instructor</b>	<b># Students Enrolled</b>
CLL 410	Writing and Learning in the Community	Fall & Spring	Tiffault	41
<p>Students in this course worked through Syracuse University's Center for Public and Community Service for placement at various local community agencies. Weekly, students completed community service hours. In the fall, locations included: Peace Inc./Project Connection, a local Boy Scout troop, Women's Information Center, Dorothy Day House, Alzheimer's Association, Poison Control Center, and the New Environment Institute. In the spring, locations included: Beaver Lake, Baltimore Woods, Big Brothers/Big Sisters, Campfire USA, the DEC, Developmental Services Office, Inter-religious Council, the MOST, New Environment Institute, Nurturing World Daycare Center, Onondaga Historical Society, Ophelia's Place (eating disorders), Partners-In-Learning (ESL Tutoring), Sacred Heart Church Community Development Southside Charter Academy Westcott Community Center. Students' writing projects for the course will connect to these service experiences.</p>				
EFB 215	Interpreting Science Through Art	Fall	Saunders	40
<p>Many community connections: Students at Baltimore Woods setting up after school program in the fall, plus securing program materials, and doing walks there; Students did all the October-November walks for Beaver Lake plus helped in supplying photo resources; Grad students built a series of regional Stalking Science Workshops featuring local natural areas (using them in the classroom and improving school use for these areas); Students completed new trail guide for Town of Minerva (Adirondacks).</p>				
EFB 416/616	Intro to Environmental Interpretation	Fall	Saunders	40
<p>Many community connections: Students at Baltimore Woods setting up after school program in the fall, plus securing program materials, and doing walks there; Students did all the October-November walks for Beaver Lake plus helped in supplying photo resources; Grad students built a series of regional Stalking Science Workshops featuring local natural areas (using them in the classroom and improving school use for these areas); Students completed new trail guide for Town of Minerva (Adirondacks).</p>				
EFB 485	Herpetology	Fall	Gibbs	8
<p>Assisted the NYS DOT assess whether the new construction of 10 vernal pools in Cuba, New York will benefit amphibians in the area.</p>				
EFB	UMEB Sem: Culture & Conserv Biology	Fall & Spring	Kimmerer	19
<p>Students participated in the after school science club at Onondaga Nation School. Students took what they learned in class and shared it with students at ONS as they created and delivered science programs in the enrichment program. The students also did research projects that have a community service component.</p>				
EFB Interns	Student Conservation Association / Zoos / Other Agencies		Shields	15
<p>The Student Conservation Association (SCA) is a non-profit group in New Hampshire that was set up to service the federal government and college students as interns in government agencies NPS, BLM, and USF&amp;WS, and Forest Service, primarily. The agencies provided them with a list of needs and students checked their lists to try matching. Annually, we have 5-10 students involved in SCA internships. Between Burnet Park and other local and more distant zoos (including NYC zoos, especially) in an average year 4-6 of our students have interned at Burnet Park, and 2 or 3 more elsewhere. Finally, 1 or 2 of our students also interned at Wildlife Rehabilitators.</p>				
ES Senior Syn	Community Projects/Internships	Fall & Spring		8
<p>In addition to the internships that students often serve with NGOs in and out of the area, some produced products for orgs. and groups that become part of the org's toolbox.</p>				

ERE 596	Engineering Senior Seminar/Independent Studies	Fall & Spring	Various	8
FOR 476/676	Tourism Planning	Fall	Kuehn	
Students completed a feasibility study for a proposed Farm Museum in the Town of Eden in western New York. The class met with the museum planning committee in Eden in early October, 2004.				
FOR 202	Intro to Sociology	Fall & Spring	Morrison	60
Students in the class were required to complete 20 hours of community service with an agency of their own choice. They worked through SU's Center for Public and Community Service, students have chosen placements in the following agencies: Center for Nature Education, American Cancer Society, Beaver Lake Nature Center, Fair Housing Council of CNY, Food Bank of CNY, Sarah House, Dorothy Day House, Westcott Community Center, Near Eastside Adventures, Boys and Girls Club, and the MOST. Students were required to relate their community service experiences to the sociological theories they learned in class through written assignments.				
LSA 326	Design Studio I	Fall	Hoffman, Stribley	46
Corcoran High School is exploring the development of an urban Environmental Education Center. As initially envisioned, the center will take advantage of the natural features of the school property, Elmwood Park and a 10 acre city owned wooded wetland at McDonald and Glenwood Avenues. During the fall 2004, the 3 <sup>rd</sup> year students are engaging the environmental education center design as a service learning project, investigating site conditions, determining possible elements and characteristics of the center, and preparing alternative design studies for review and discussion. They are working closely with Syracuse City School District elementary teachers, Corcoran student, teachers and parents, and school neighbors through a series of three interactive workshops. This project expands on a trail project by students in FOR 473 during Spring 2004. The work of the LSA 326 students will lay the foundation for more in-depth design study by two graduate students who will use the project as the subject of their final capstone during the spring 2005 semester.				
LSA 422	Design Studio 3	Fall	Shannon, Reeder	46
During summer 2004, with the assistance of Prof. Scott Shannon and the SUNY ESF Center for Community Design Research, the village and town of Cazenovia community members created a Vision Plan to guide their community's future. The 4 <sup>th</sup> year students are working with the village on two service learning projects that are directly related to the vision plan. The first design problem explores downtown design and parking issues, and the second explores residential expansion. The students are reviewing their progress with community members, including village board members and representatives of Cazenovia College.				
LSA 700	Brazil Consortia Community Design Studio	Fall	Doble, Carter	8
This is the second year of a three year studio sequence in which ESF landscape architecture students and Brazilian exchange students are partnering with residents of Syracuse's Eastside neighborhood in a participatory design process. The students and several staff members from Eastside Neighbors in Partnership are working with neighborhood task groups on a healing garden, a community market and garden, and an elders seating area for Lexington Park. Students and community members will engage in construction of design interventions as part of the community group's action oriented focus.				
WPE 331	Construction Safety	Fall	Tiss	26
Students developed a safety manual for not for profits for construction related activities. Working with Habitat for Humanity, students prepared "tool box talks" and completed site safety inspections.				
EFB 486	Ichthyology	Spring	Stewart	51
Each year the class spends one weekend surveying fish communities along the altitudinal gradient of a river in Central New York. Data are provided to NYS DEC to aid them in monitoring status of NY fishes, especially those variously threatened. Over the past two years and again this year, we will be studying the Owego Creek drainage. Combining class data with additional survey data from August 2004, we are developing our observations into a publication in collaboration with a DEC biologist. Results were presented at a recent meeting of the NY Chapter of the American Fisheries Society and may have implications for trout stocking policy in NY.				

EFB 446/646	Ecology of Mosses	Spring	Kimmerer	27	This year our entire class is conducting a survey of the moss flora of a forest which has been proposed as a nature preserve, but which lacks the supporting data to document the diversity of the vegetation. Our class will prepare a scientific report on the mosses of the area as well as an educational brochure for distribution to citizens groups and a powerpoint presentation for use by the citizens group in their advocacy efforts.
EFB 417/617	Perspectives of Interpretive Programming	Spring	Saunders	47	Lobby and Trail Exhibit projects for Beaver Lake Nature Center, after-school program and public walks for Baltimore Woods, trail guide for Town of Minerva, Eco-expo for Gifford Zoo, AEC brochure, are a few of the things we will do as well as on campus projects. (Illick exhibits).
EFB 496	Watershed Ecology	Spring	Limburg	12	With enough data now collected, there are plans to present findings related to Onondaga Creek to interested parties.
FEG 340	Eng. Hydro/Hydraulics	Spring	Endreny	30	We will design a storm-water best management basin for community streets around the Southside of Syracuse.
FEG 489	Eng. Planning & Design	Spring	Daley	21	
FEG	Ecological Engineering in the Tropics	Spring	Endreny	3	The Ecological Engineering in the Tropics course, to be renamed Restoration of Rainforests, Reefs & Ruins, takes our undergraduates to Honduras for 10 days overlapping with spring break. The students will spend field time measuring in river cross-section and longitudinal profiles, as well as sampling river bed material. Student gathered data is then provided as an update to the US Geological Survey and used for assisting in flood analysis and protection. Students also spend time visiting several forest, agricultural, and aquatic sites to generate ideas on how ecological engineering theory can generate more sustainable management plans.
FOR 480/680	Urban Forestry	Spring	Morrison	26	Students in the course prepared a neighborhood management plan with specific goals and objectives related to urban forest management. The exercise was designed to: 1) introduce students to broad-scale planning in urban forestry and 2) gain experience in dealing with public constituents. Each student group drew a consensus tract to serve as a study area in which they acted as the urban forester. They assessed the management issues in the area and the needs and desires of the residents. Students also interviewed homeowners to obtain information on public preferences toward their urban forest. The projects culminated in written final reports that addressed how the forest could be made better.
FOR/EFB 523	Tropical Ecology	Spring	Drew/Stewart	15	During ESF's spring break, students traveled to Dominica to study tropical ecology. Students' course projects were bound and sent back to the Division of Forestry and Wildlife in Dominica and the field station's library. Students' projects provided direct assistance to the file station and to the people of Dominica. An example of a project was to be a nature trail guide for the field station.

LSA 470/670	Thematic Landscape Design Studio-Urban	Spring	Curry, Peters	14
<p>At the request of Syracuse's Commissioner of Community Development, this studio will be completing the Housing Plan for the newly adopted <i>City of Syracuse Comprehensive Plan 2025</i>. Part of the work will be preparing an inventory, including interviews with 18 city officials, heads of departments/agencies, real estate brokers, developers, neighborhood housing groups and not-for profit city housing groups. The studio will be working with a Steering Committee of 24 people that represent varied interests and positions regarding housing in the city. The Plan will be completed at the end of the semester, which will conclude with a formal presentation to interested community leaders. Final outcomes will include 25 display boards and a report of approximately 100 pages.</p>				
LSA 470/670	Thematic Landscape Design Studio-Landscape & Urban Ecology	Spring	Carter	8
<p>This studio will be working on a study of urban forestry and an urban design/public works mechanism for inner-city revitalization. Partners on the project include the Syracuse Department of Community Development, the Syracuse Department of Parks, Recreation &amp; Youth Programs, Cornell Cooperative Extension of Onondaga County and the US Forest Service Northeast Research Station.</p>				
LSA 496/696	Participatory Practices of Community-based Design & Planning	Spring	Doble	10
<p>As part of the development of skills in participatory methods and community engagement, the students in this class will work with community members in two different communities. In the Village of Tully, during a one-day workshop, the students will work with community members to explore how they use and value the existing village center. This work is part of an ongoing project with the Village of Tully and will set the stage for another service learning project in Fall 2005. The students will also be helping to facilitate activities as part of a one-day design charette in Williamson, in association with the Rochester Community Design Center.</p>				
LSA 800	Capstone Studio	Spring	Various	3
<p>Several landscape architecture graduate students are working on capstone projects that could be considered service learning. One student is working with a community organization and residents in Syracuse's Eastside neighborhood to develop a design for a healing garden. Another is exploring with residents in a rural village how they experience vacancy and will use her findings to inform design recommendations on ways to address vacancy in the community core. A third student will be working with a small group of teachers at Corcoran high school to explore the development of a "sustainable" campus through new facilities, practices and outdoor learning areas that allow integration of the school curriculum throughout the school campus. All of these projects are continuations or off shoots of other service learning or independent CCDR technical assistance projects.</p>				
LSA 327	Design Studio 2	Spring	Miller, Stribley, Andrigna	44
<p>At the request of the Onondaga County Parks Department this studio is developing alternative site design studies for site and landscape improvements to lodge facilities at Highland Forest and Oneida Shores Park.</p>				