SOUTHEASTERN COMMUNITY COLLEGE
Explore...Discover...Learn...Grow...
910-642-7141

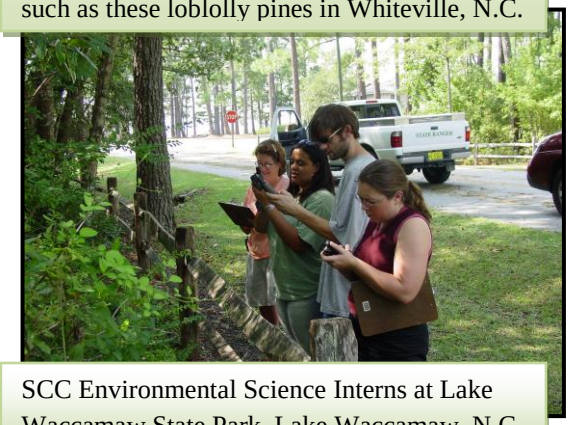
Environmental Science Technology Program

Invasive Species Management

Introduced invasive species such as Chinese Wisteria (*Wisteria sinensis*) are the number two threat to native plants and animals in the U.S., and cause over $150 billion in losses to the American economy, annually. Efforts to control invasive species are piecemeal and under-funded. Compounding the problem is a lack of trained technicians to assist with control and management efforts. People seeking invasive species management positions generally have training in biology, forestry, agronomy, or related fields – but generally no training or field experience in controlling invasive species.

Despite its attractive foliage and sweet aroma, Chinese Wisteria (*Wisteria sinensis*) is an invasive plant that strangles American trees, such as these loblolly pines in Whiteville, N.C.

In response to this need, Southeastern Community College is offering the first ever college-level program to train invasive species field managers. Under this program, students may complete classes for continuing education requirements, a Certificate of Invasive Species Management, or an Associate in Science degree in Environmental Science Technology with a second year focus in invasive species management.



SCC Environmental Science Interns at Lake Waccamaw State Park, Lake Waccamaw, N.C.

Career Opportunities…….

Federal Agencies
- USDA Forest Service
- USDA Natural Resources Conservation Service
- U.S. Fish and Wildlife Service
- Bureau of Land Management
- National Park Service

State Agencies
- State Departments of Transportation
- State Departments of Agriculture
- State Departments of Natural Resources
- State Forestry Service
- State Parks

County Agencies and Municipalities
- Cooperative Extension Service
- County Weed & Pest Departments
- City Parks Departments, etc

Private Industry
- Landscaping Companies
- Environmental Consulting Firms
- Invasive Plant Control Companies
- Pest Control Companies

…….and many more!

For more information, call Rebecca Westbrooks at 910-642-7141, Ext. 291.
Contact her by e-mail at rwestbrooks@sccnc.edu.
4563 Chadbourn Hwy, P.O. Box 151, Whiteville, NC 28472 USA
Visit SCC on the Internet at www.sccnc.edu.

Southeastern Community College – IVS Management Training Program

PROGRAM COURSES & DESCRIPTIONS

		Credit Hours:
IVS 110	**Introduction to Invasive Species** (Internet Course) Ecology and Biology of Invasive Species, Economic Impacts, Survey of Major Invasive Species Taxa (Plants, Aquatic Nuisance Species, Insects and Diseases, Injurious Wildlife, General Management Approaches, Sociological Aspects, Ethical Considerations	**3 Hours**
IVS 210	**Overview of Invasive Species Management Strategies** (Internet Course) Foreign Pest Prevention, Port of Entry Exclusion, Early Detection, Survey, Containment and Eradication, Control Methods (Chemical, Cultural Mechanical, Biological), Interagency Committees and Partnerships, Weed Management Areas, Invasive Plant Task Forces, Outreach and Education.	**3 Hours**
IVS 211	**Overview of Invasive Species Management Programs** (Internet Course) - Federal/State Animal and Plant Regulatory Programs (USDA APHIS, State Departments of Agriculture, etc.) - Federal/State/Local Management Programs (National Park Service, California Department of Food and Agriculture, etc.) - Interagency Programs and Projects	**3 Hours**
IVS 220	**Invasive Plant Survey Methods** (Internet Topics, Field Studies) Detection, Delimiting, and Appraisal Survey Methods, Data Synthesis and Archival	**4 Hours**
IVS 221	**Invasive Plant Control Methods** (Internet Topics) Containment, Eradication and Control Methods, Equipment Operation, Care and Maintenance, Safety.	**3 Hours**
IVS 260	**State Pesticide License Exam Preparation** (Internet Course)	**1 Hour**
GIS 110	**Introduction to GPS and GIS Mapping** (Internet Course)	**1 Hour**
	Total Credits =	**18 Hours**

NOTE: Program Content is Subject to Change.

Date: December 20, 2009