

Education & Employment

Educational Opportunities

No other college in the world offers this type of education and training. You can take one or more classes for continuing education, earn a certificate in Invasive Species Management, or an associate of applied science degree in Environmental Science Technology with a focus in Invasive Species from Southeastern Community College.

Employment Opportunities

Private Industry

- Landscaping Companies
- Environmental Engineering Firms
- Invasive Plant Control Companies
- Pest Control Companies

County Agencies

- Cooperative Extension Service
- County Weed Departments

State Agencies

- State Department of Transportation
- State Department of Agriculture
- State Dept. of Natural Resources
- State Forestry Service
- State Parks

Federal Agencies

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

...and many, many more opportunities!

**Southeastern Community College
has the program for YOU!**

Southeastern Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4087; Telephone number 404-679-4501) to award certificates, diplomas and associate degrees.

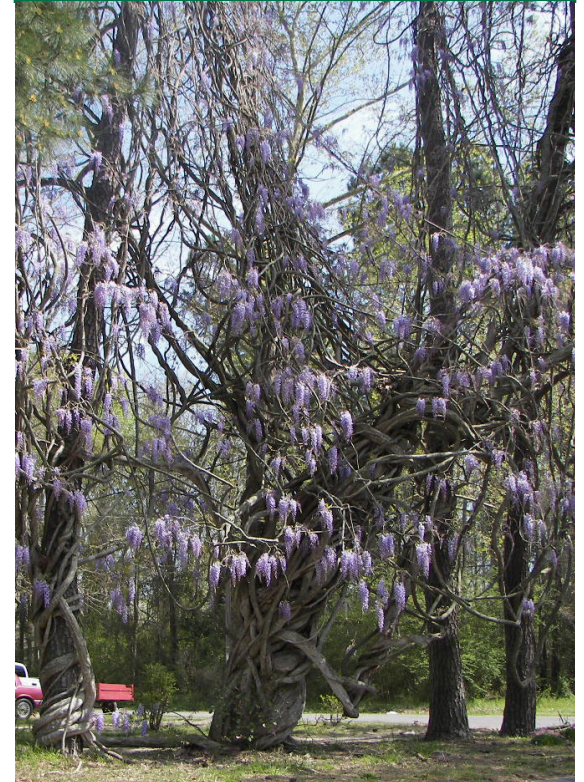
Explore...Discover...Learn...Grow...

An equal opportunity/affirmative action institution
www.sccnc.edu

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Prepare for a Career in
**Invasive Species
Management**



**Explore...Discover...
Learn...Grow...**





Make It Happen ONLY at SCC

Just because it looks good and smells good, doesn't mean it is good. Invasive species, such as Chinese Wisteria and kudzu, are the number two threat to native plants and animals -- annually costing in excess of \$150 billion in losses to the American economy.

Efforts to control invasive species are under-managed and under-funded. Compounding this problem is a lack of trained field managers.

Southeastern Community College is the first college-level program in the world to offer training for invasive species managers, and all of the content courses are offered online!

Through internet courses, field exercises, and an internship, students become prepared for employment and advancement in a wide variety of private industries and public agencies.

Employment opportunities abound in this exciting and necessary profession. Be among the skilled leaders in Invasive Species Management and enroll today! (Refer to the list of employment opportunities on the next page.)

Curriculum

- IVS 110 Introduction to Invasive Species (Internet Course) 3 hours**
Ecology and Biology of Invasive Species, Economic Impacts, Survey of Major Invasive Species (Plants, Aquatic Nuisance Species, Insects/Diseases, Injurious Wildlife), General Management Strategies, Sociological Aspects, Ethical Considerations.
- IVS 210 Invasive Species Mgmt. Strategies (Internet Course) 3 hours**
Foreign Pest Prevention, Port of Entry Exclusion, Early Detection, Survey, Containment and Eradication, Control Methods, Interagency Partnerships, Weed Management Areas, Invasive Plant Task Forces, Outreach and Awareness.
- IVS 220 Invasive Species Mgmt. Programs (Internet Course) 3 hours**
- Foreign Pest Exclusion
 - Federal Land Mgmt. Programs
 - Private Conservation Organizations
 - Interagency Committees & Task Forces
 - Federal Interagency Committees
 - State & Regional Interagency Councils
 - Task Forces & Cooperative Weed Management Areas
- IVS 230 Invasive Plant Survey Methods (Internet, Lab & Field Studies) 3 hours**
Detection, Delimiting and Appraisal Surveys, GPS/GPS Mapping, Data Synthesis and Archival.

- IVS 240 Invasive Plant Control Methods (Internet, Lab & Field Studies) 3 hours**
Containment, Eradication and Control of Invasive Species through Chemical, Cultural, Mechanical, and Biological Control Methods, Principles of Eradication, Equipment Operation, Care and Maintenance, Safety, State Pesticide License Preparation.

- IVS 250 Invasive Species Mgmt. Co-Op (Internship) 3 hours**
Internship with Area Agencies and Organizations, e.g., U.S. Geological Survey, National Park Service, NC State Park System, County Extension Services, and Invasive Plant Control Companies.

Faculty

Rebecca Westbrooks has a bachelor of science degree in biology and chemistry from Austin Peay State University and a master's degree in biology/botany from the University of South Carolina. She is the lead instructor for SCC's Natural Resource programs, which includes Environmental Science Technology.

Dr. Randy G. Westbrooks has B.S. and M.S. degrees in biology from the University of South Carolina and a Ph.D. in Botany and Weed Science from North Carolina State University. Since 1979, Dr. Westbrooks has served as an Invasive Species Prevention Specialist with the U.S. Government in the U.S. Department of Agriculture as well as the Department of the Interior.

For more information, contact Dr. Randy Westbrooks, Adjunct Invasive Species Management faculty, at (910) 648-6762 or at rgwestbrooks@embarqmail.com.