

# DEPARTMENT OF LAND RESOURCES

## AT GLENVILLE STATE COLLEGE



**GLENVILLE**  
STATE COLLEGE





The Glenville State College Department of Land Resources prides itself on its hands-on approach to learning. Students are provided learning experiences that duplicate real world applications.

Housed in the Landapleanty Center within the Waco Center (pictured at left), the Department has state-of-the-art facilities and about 300 acres of land adjacent to the building for outdoor projects. A sawmill is located on the property for student use along with storage buildings for timber harvesting equipment. A computer lab is available for computer-based classes such as Computer Assisted Mapping and Geographic Information Systems (GIS). This lab contains computers, plotters, a scanner, and software that replicates those used in government, business, and industry offices. A wide array of hand tools, large equipment, and instruments suitable for field labs are available to enhance instruction and learning. Global positioning systems (GPS) and geospatial technologies are used in several classes.

Programs offered through the Department of Land Resources include:

### **Associate Degree Programs**

- Forest Technology
- Land Surveying

### **Bachelor of Science in Natural Resource Management (NRMT)**

Six majors:

- Forest Technology
- Land Surveying
- Environmental Science
- Energy & Land Management
- Wildlife Management
- Criminal Justice





## FOREST TECHNOLOGY

*(Also offered as a 2-year Associate of Science degree)*

*The Forest Technology program is an accredited program of the Society of American Foresters.*

- **Students become knowledgeable and skilled in tree and wood identification, forest measurements, mapping, forest ecology, silviculture, timber harvesting, forest health, and forest management.**
- **Excellent job opportunities throughout the state and nation include:**
  - ✓ Conservation Officer
  - ✓ Forester
  - ✓ Geographic Information System Analyst
  - ✓ Procurement Forester
  - ✓ Consulting Forester
  - ✓ Service Forester
  - ✓ Forest Technician
  - ✓ Utility Forester
- **Small, field-oriented classes**



## LAND SURVEYING

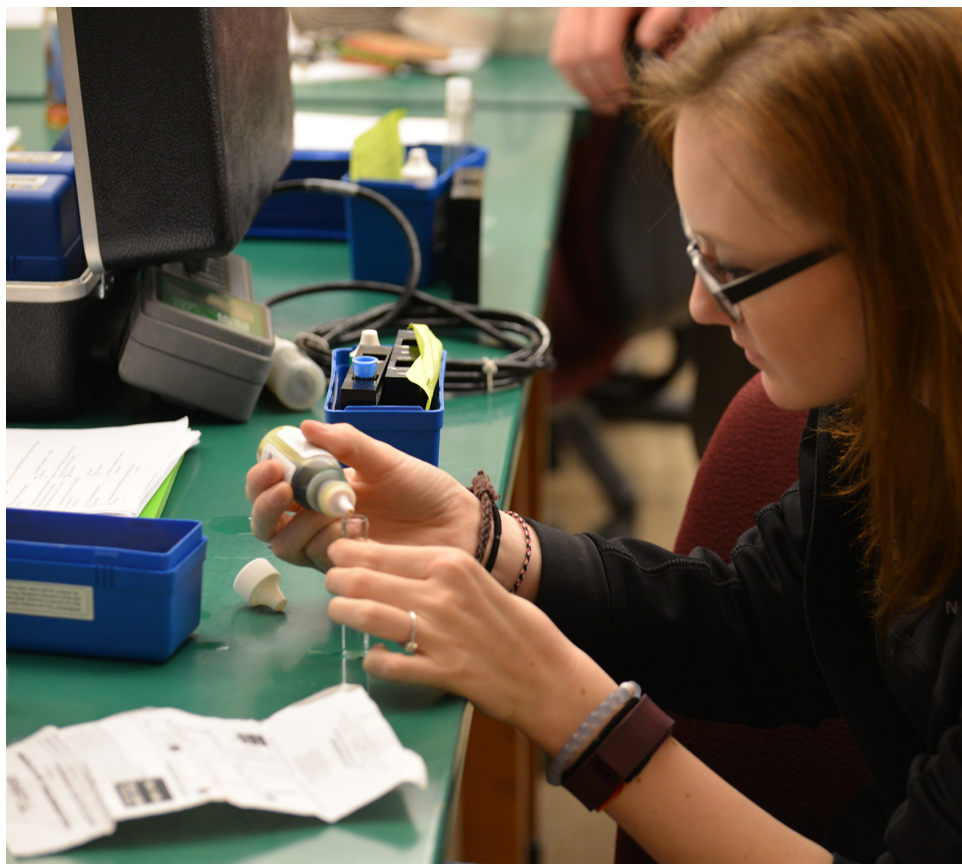
*(Also offered as a 2-year Associate of Science degree)*

- Students become technically proficient in land surveying and will be able to develop strong skills in geographic information systems and resource allocation.
- Excellent job placement throughout the state and nation, and job opportunities include:
  - ✓ Land Survey Technician
  - ✓ Construction Survey Technician
  - ✓ Oil & Gas Survey Technician
  - ✓ GIS Manager/Draftsman
  - ✓ Professional Land Surveyor/Manager/Supervisor
- Curriculum applied to real-world situations
- Small class size with hands-on training



## **ENVIRONMENTAL SCIENCE**

- **Designed for students interested in environmental regulatory careers with government agencies and business consulting firms.**
- **Excellent job opportunities throughout the state and nation include:**
  - ✓ **Environmental Scientist**
  - ✓ **Health and safety specialist**
  - ✓ **Park ranger/conservation officer**
  - ✓ **Soil conservationist**
  - ✓ **Analytical technician**
  - ✓ **Wetland ecologist**
  - ✓ **Environmental Resource Specialist**
- **Small, field-oriented classes**





## ENERGY & LAND MANAGEMENT

• Designed for students interested in working in energy and land use development, management, and planning. Graduates qualify for private industry positions including, but not limited to:

- ✓ Landman
- ✓ Realty Specialist
- ✓ Right-of-way Agent
- ✓ Title Abstractor

Excellent career opportunities with federal and state agencies, such as:

### Federal

- ✓ U.S. Department of Transportation
- ✓ Bureau of Land Management

### State

- ✓ Department of Environmental Protection
- ✓ Division of Highways



## **WILDLIFE MANAGEMENT**

- **Designed for students who want to pursue a career in wildlife management or an advanced degree in wildlife. Students learn about the biology, ecology, and management of important game and non-game wildlife in the Appalachian region. Students are prepared to become:**

- ✓ **Wildlife managers**
- ✓ **Wildlife technicians**
- ✓ **Natural resources police officers**

- **Excellent career opportunities with federal, state, and private agencies, such as:**

- ✓ **U.S. Department of Agriculture**
- ✓ **WV Division of Natural Resources**
- ✓ **Environmental Consulting**





## **CRIMINAL JUSTICE**

- **Designed for those students who want to become Conservation Officers or other law enforcement personnel in the natural resource area.**
- **The program provides knowledge in:**
  - ✓ **Crime scene management and criminal evidence and procedures**
  - ✓ **Police practices**
  - ✓ **Corrections**
  - ✓ **Public administration**



## MINORS

### Environmental Science

#### **19-20 Credit Hours**

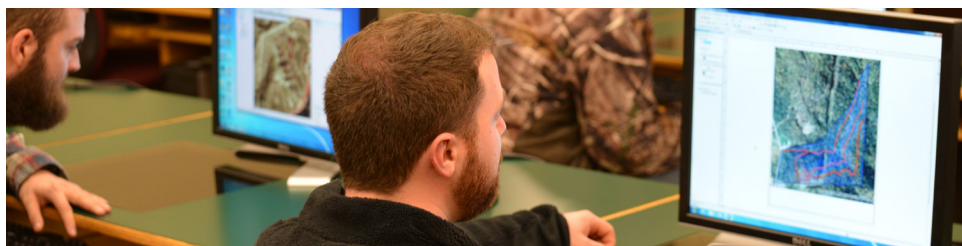
The Environmental Science minor provides graduates with a breadth of knowledge and the analytical and technological skills to prevent, assess, and manage environmental problems. The knowledge and skills combined with a major in business, marketing, or the sciences prepare graduates for careers with industry or governmental agencies.

### Natural Resource Management

*(designed for students other than those in the Department of Land Resources)*

#### **19 Credit Hours**

The Natural Resource Management minor endows graduates with the knowledge, analytical and practical skills, and decision-making competencies to contribute to the stewardship of renewable resources. Students receive instruction on ecosystem function, environmental assessment, and conservation of resources and apply these competencies by means of project-based exercises. The knowledge and skills combined with a major in business, marketing, or the sciences prepare graduates for careers with industry or governmental agencies.



## CERTIFICATE PROGRAMS

### Online Certificate in Geographic Information System (GIS)

#### **Total of 12 credits**

Students are prepared for work in the GIS industry with a focus on mapping, visualization, and the processing and analysis of geospatial data. Geospatial technology combines information and maps to produce informational tools to help manage communities, the environment and natural resources, and industries.

### Certificate in Right-of-Way

#### **Total of 26 credits**

Students are prepared for work in the landman profession with a primary focus on property descriptions and interpretation, title abstracting, boundary surveying methods and laws, energy resource laws, elementary surveying measurements and computations, business communication, and professional development. Students will also be familiarized with computer mapping systems utilizing Cartographic and Geographic Information System software.

## ABOUT GSC

**How much is tuition?** WV Resident \$3,654 | Non-WV Resident \$4,409  
*Estimated per semester, additional fees apply*

**Where we're located:** In the heart of central WV; 15 miles from I-79, Exit 79 in Glenville

**Apply online at:**  
[www.glenville.edu/apply](http://www.glenville.edu/apply)

Make sure you apply for federal student aid at:  
[www.fafsa.ed.gov](http://www.fafsa.ed.gov)  
GSC's federal financial aid school code number is 003813



## STAY SOCIAL



GSC Department  
of Land Resources



@gsc\_landresources



### DID YOU KNOW?

GSC has a functional sawmill and over 300 wooded acres students use as part of their classes for outdoor learning activities.



## DID YOU KNOW?

The Department of Land Resources works closely with representatives from the WV Division of Forestry and several other state and local agencies to replicate real-world work scenarios, provide experience with industry-standard tools, and to connect students with future employers.



**GLENVILLE**  
**STATE COLLEGE**

Department of Land Resources  
200 High Street | Glenville, WV 26351  
[www.glenville.edu/departments/land-resources](http://www.glenville.edu/departments/land-resources)  
(800) 924-2010 | (304) 462-4135  
[Land.Resources@glenville.edu](mailto:Land.Resources@glenville.edu)