

Department of Land Resources



GLENVILLE
STATE UNIVERSITY



The Glenville State University 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)

Four majors:

- Forest Technology
- Environmental Science
- Wildlife Management
- Criminal Justice

Bachelor of Science in Land Surveying & Mapping



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 and is a member of the Council of Eastern Forest Technician Schools (CEFTS).

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



| 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



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. Fish and Wildlife Service
- U.S. Department of Agriculture
- U.S. Forest Service
- National Park Services
- WV Division of Natural Resources
- WV Department of Environmental Protection
- Environmental Consulting
- Conservation Organizations
- State Wildlife Agencies
- Private Wildlife Management Companies

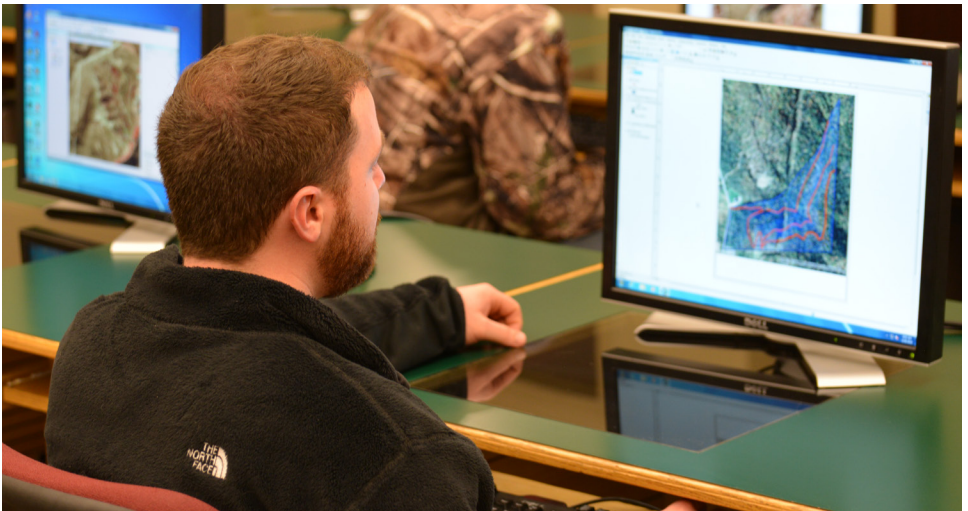


| CRIMINAL JUSTICE

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



LAND SURVEYING & MAPPING

(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



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. Courses include GIS Applications I and II (using ArcGIS), Computer-Assisted Mapping (using Carlson Survey), Remote Sensing and Aerial Photo Interpretation, and Introduction to Drone Technology.

Online Certificate in Right-of-Way

Total of 12 credits

Students are prepared for work in the landman profession with a primary focus on title abstracting, natural resource permitting, and energy resource laws. Students will also be familiarized with computer mapping systems utilizing cartographic and geographic information system software.

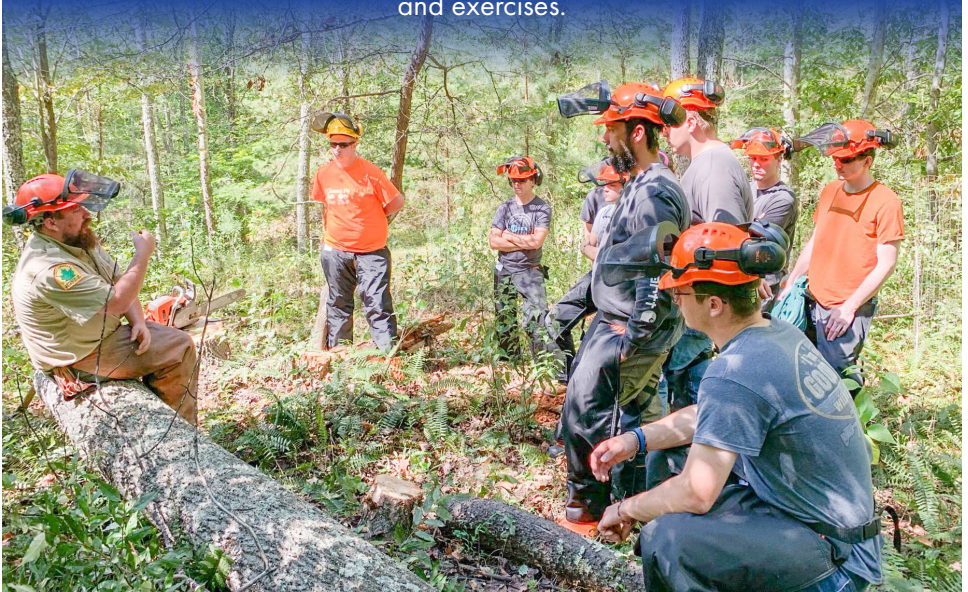
DID YOU KNOW?

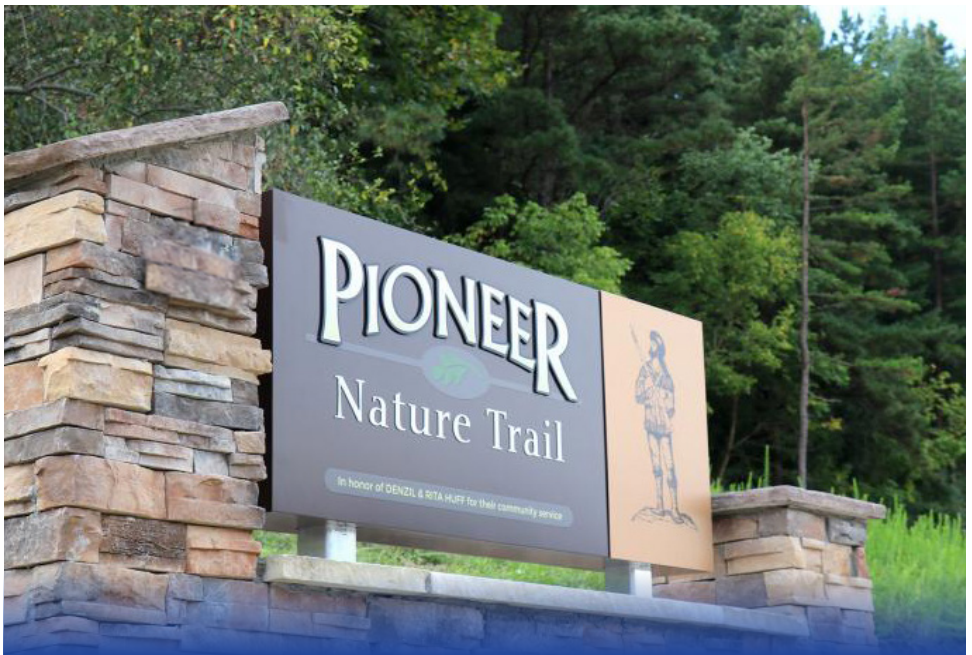
The Department of Land Resources works closely with representatives from the WV Division of Forestry and several other state and local agencies to replicate real-world work scenarios, provide experience with industry-standard tools, and to connect students with future employers.



DID YOU KNOW?

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





FOR YOU TO EXPLORE!

The Pioneer Nature Trail, located behind the Waco Center and football field, offers about one mile of walkable trail for the community.



FOR YOU TO EXPLORE!

Cedar Creek State Park is just minutes from Glenville State University, giving students direct access to hands-on learning environments and an escape from campus with various outdoor activities available to take part in.

About GSU

How much is tuition?

WV Resident \$4,333 | Non-WV Resident \$5,239

Estimated per semester, additional fees apply

Where we're located:

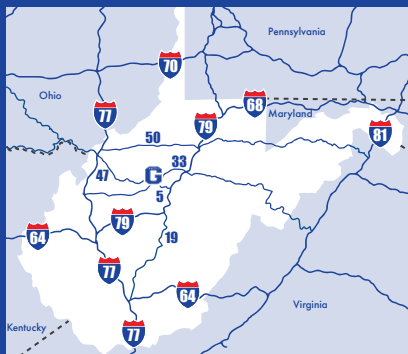
In the heart of central WV; 15 miles from I-79, Exit 79 in Glenville

Apply to attend GSU:

www.glenville.edu/apply

Make sure you apply for federal student aid at: www.fafsa.ed.gov

GSU's federal financial aid school code number is 003813



Stay Social



GSU Department
of Land Resources



@gsu_landresources



GLENVILLE
STATE UNIVERSITY

Department of Land Resources

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