

# Department of Land Resources

The Glenville State University Department of Land Resources offers academic programs that employ hands-on learning with experiences that duplicate real-world applications. These programs include:

## FOREST TECHNOLOGY

Also offered as a 2-year Associate of Science degree  
Designed for students who wish to become knowledgeable and skilled in tree and wood identification, forest measurements, mapping, forest ecology, silviculture, timber harvesting, forest health, and forest management. Job opportunities include: **conservation officer, forester, geographic information system analyst, procurement forester, and forest technician.**

## ENVIRONMENTAL SCIENCE

Designed for students interested in environmental regulatory careers with government agencies and business consulting firms. Job opportunities include: **environmental scientist, health and safety specialist, park ranger/conservation officer, soil conservationist, analytical technician, wetland ecologist, and environmental resource specialist.**

## 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. Job opportunities include: **wildlife manager, wildlife technician, and natural resources police officer.**

### Minors:

**ENVIRONMENTAL SCIENCE**

**19 - 20 CREDITS**

**NATURAL RESOURCE MANAGEMENT**

**19 CREDITS**

### Certificate Programs:

**GEOGRAPHIC INFORMATION SYSTEM (GIS) 12 CREDITS - ONLINE**

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.

**CERTIFICATE IN RIGHT-OF-WAY 12 CREDITS - ONLINE**

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.

## LAND SURVEYING

Also offered as a 2-year Associate of Science degree  
Designed for students who wish to become technically proficient in land surveying and develop strong skills in geographic information systems and resource allocation. Job opportunities include: **land survey technician, construction survey technician, oil & gas survey technician, geographic information system manager/draftsman, and professional land surveyor/manager/supervisor.**

## ENERGY AND LAND MANAGEMENT

Designed for students interested in working in energy and land use development, management, and planning. Job opportunities include: **landman, realty specialist, right-of-way agent, and title abstractor.**

## CRIMINAL JUSTICE

Designed for students interested in crime scene management and criminal evidence and procedures, police practices, corrections, and public administration within the natural resources field. Job opportunities include: **conservation officers or other related law enforcement personnel.**



GSU Department of Land Resources



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