



Natural Resource Management

HIGH SCHOOL PROGRAM



GLENVILLE
STATE UNIVERSITY

PROJECT FUNDED BY EQT FOUNDATION



Glenville State University's Department of Land Resources invites high school students to be part of its Natural Resource Management (NRMT) High School Program. Six major options are available:

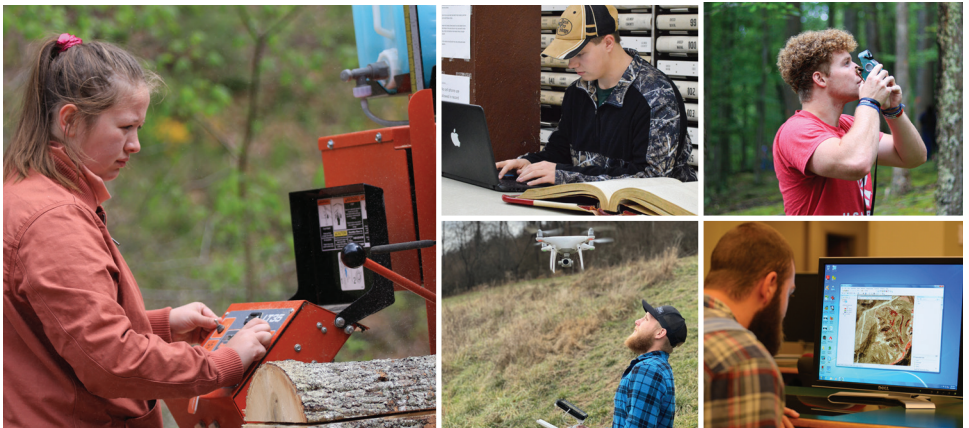
1. Forestry
2. Land Surveying
3. Energy and Land Management
4. Environmental Science
5. Wildlife Management
6. Criminal Justice

To qualify for this program, high school students must:

1. Select one of the 6 majors in the NRMT program as a college career
2. Have an excellent academic standing (at least a 3.0 GPA)
3. Be an upcoming junior or senior in high school
4. Enroll in one online dual credit course (3-4 credits) in Fall, Spring, or Summer (ENVR 101, NRMT 125, NRMT 234, NRMT 334, LAND 243, and LAND 244)
5. Participate in career orientation on GSU campus as part of Land Resources Day in Spring or Fall. Transportation to GSU campus will be covered free of charge by Glenville State University.

Benefits of joining the NRMT High School Program include:

1. Free online dual-credit college courses
2. Be mentored by Land Resources faculty and students
3. Discover career opportunities in the Land Resources programs
4. Earn credits toward a college degree in Bachelor of Science in Natural Resource Management or other programs while in high school



Aside from ENVR 101, a 4-credit course, students can also take courses such as NRMT 125, NRMT 234, NRMT 334, LAND 243, and LAND 244 to earn a Certificate in Geographic Information Systems. These courses do not have any prerequisites (except for NRMT 334) and are available in Fall, Spring, or Summer. Course descriptions are provided below:

ENVR 101 - Environmental Science - 4 Hours (Fall, Spring, & Summer)

Man and the environment, including man's approach to conserving resources and mitigating environmental impacts. Air, water, soils, mineral and energy resources, vegetation, wildlife, waste disposal, and sustainability will be addressed. **(Required laboratories included) Prerequisites: None**

NRMT 125 - Computer Assisted Mapping - 3 Hours (Fall)

Introduces students to basic Computer Assisted Mapping with major emphasis placed on the Land Surveying program area. **Prerequisites: None**

NRMT 234 - GIS Application I - 3 Hours (Fall)

A study of the fundamentals of the geographic information systems (GIS) technology. Relevance of GIS technology with other disciplines and applications of GIS technology to solution of practical problems in land surveying, forest technology, environmental technology, social sciences, and physical sciences is studied.

Prerequisites: None

NRMT 334 - GIS Applications II - 3 Hours (Spring)

This applied course will include the building of geodatabases from a variety of data sources. Students will create and/or expand a local geographic information system. **Prerequisite: NRMT 234.**

LAND 243 - Introduction to Drone Technology - 2 Hour (Fall)

This course will review some of the materials that are utilized in the FAA Small Unmanned Aircraft System (UAS) Remote Pilot Knowledge Test necessary to obtain a Remote Pilot Certificate, in addition to hands-on drone or UAS flying experience. **Prerequisites: None**

LAND 244 - Remote Sensing & Aerial Photo Interpretation - 1 Hour (Fall and Spring)

The theory and application of remote sensing, aerial photogrammetry, and photo interpretation to forestry, natural resource management, and land surveying. **Prerequisites: None**

TO PARTICIPATE IN THE PROGRAM PLEASE CONTACT:

Rachel Clutter, Dual Enrollment Program Coordinator
(304) 462-6129 or Rachel.Clutter@glenville.edu

Dr. Rico Gazal, Department of Land Resources Chair
(304) 462-6372 or Land.Resources@glenville.edu

About GSU

How much is tuition?

WV Resident \$4,022 | Non-WV Resident \$4,852

Estimated per semester (2022-20223 rates), additional fees apply

Where we're located:

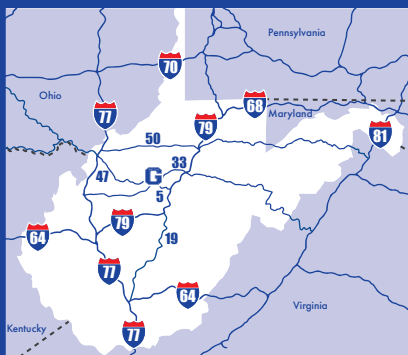
In the heart of central WV; 15 miles from I-79, Exit 79 in Glenville

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

200 High Street | Glenville, WV 26351

www.glenville.edu/land_resources

(800) 924-2010 | (304) 462-4135

Land.Resources@glenville.edu