The Graduate College at East Stroudsburg University of Pennsylvania (ESU) offers a variety of resources and opportunities for our Graduate Students. Visit our web site at www.esu.edu.

- Graduate Assistantship Program
- Fellowship Program
- Travel Support for Presenting at Conferences
- Graduate Dean's Student Advisory Council
- Student Senate
- Graduate Seminars
- Graduate Research Symposium

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What makes the program unique?

COMBINING GEOTECHNOLOGY, ENVIRONMENTAL SCIENCES, & OTHER RELATED FIELDS

The Master of Science in General Science degree program (Application of GIS & RS concentration), will provide a unique opportunity for students to combine Geotechnology, the environmental sciences and other related fields in the context of multidisciplinary study. It will also train the students with professional skills they need in career development, such as environmental communication, written communication, project management, and leadership.

increasing demand for geotechnology today

U.S. DEPARTMENT OF LABOR IDENTIFIED GEOENGINEERING (GIS/RS) AS ONE OF THE THREE MOST IMPORTANT EMERGING & EVOLVING FIELDS TODAY.

ADVANCED SKILL DEVELOPMENT

The degree prepares professionals to lead in the development of new geotechnology used to understand and manage environmental and spatial phenomena, and in the management and application of this technology in corporate, public, or private service organizations. The program focuses on advanced skill development in the following areas and will address the growing need for GIS developers, managers, and analysts in environment-related fields.

• Environmental Resource Management
• Earth Science
• Marine Science
• Geography

CAREER OPPORTUNITIES

Job opportunities are growing and diversifying as geospatial technologies prove their value in areas such as environmental science. The degree will meet the increasing demands of geotechnology in related governmental agencies, the private sectors and local, regional and national NGOs. Some existing or prospective industry partners include:

• NASA Wallops Flight Facility
  www.nasa.gov/
• Marine Science Consortium
  www.mscconsortium.org
• US Fish & Wildlife Service
• Health Planning
• Emergency Management

DEGREE INFORMATION

• BACHELOR'S DEGREE IN AN ENVIRONMENTAL-RELATED MAJOR REQUIRED FOR ADMISSION
• TWO YEAR PROGRAM
• 36 CREDIT HOURS
• CORE COURSES INCLUDE:
  • Applied Geographic Information Science
  • Advanced Geographic Information Science
  • Introduction to Remote Sensing
• PROFESSIONAL SKILLS
  • Oral and Written Communication
  • Leadership & Team-building
• INTERNSHIP

HOW TO APPLY

Complete the on-line application at http://www4.esu.edu/academics/grad_school/intl_admin.cfm. Additional requirements for international admissions include: (1) WES Transcript Evaluation, (2) TOEFL, and (3) Financial Documentation. For more information or assistance, contact Kevin Quintero, Graduate Admissions Coordinator, via e-mail at kquintero@esu.edu.