

Agricultural and Environmental Sciences

Jackson Center

2 Year Program
(P.M. Class Only)

Mrs. Kim Szulecki

This program will prepare students to enter the growing and profitable fields of agribusiness and environmental concerns. It combines knowledge of the ecology of living systems with the study of environmentally safe practices in the areas of green technology, land-use management, green residential landscape design, integrated pest management, outdoor recreation and natural resource management. Students will have access to cutting edge technology, field work, and research practices through partnerships with the NJ Department of Agriculture, Rutgers University, NJ Forest Resource Education Center, and Ocean County Soil Conservation District.

Related Job Titles

Green/beneficial landscape professional
Land-use planner
Environmental educator
Agritourism specialist
State or National Forest park ranger
State or National Forest conservation officer
Habitat restoration specialist
Horticulture specialist
Water quality technician

Skills You Will Learn

- Green residential/commercial landscape design principles and practice
- Computer aided design
- Use of Global Positioning applications in the environment
- Water/soil conservation and testing techniques
- Habitat restoration
- Small business management/record keeping

Worker Requirements

You should:

- Have a strong desire to improve the environment
- Enjoy working with nature
- Learn quickly and follow instructions accurately
- Work within compliance of all state and national guidelines
- Be responsible and self-motivated
- Enjoy working with people

Career Ladder

Agricultural and Environmental Science students can advance with experience and education. Students can obtain post-secondary industry recognized credential certificates, or degrees at four-year universities.

Continuing Education

Ocean County College
Mercer County College
Delaware Valley College
Rutgers University/ School of Environmental and Biological Sciences

Additional Information

www.greencollarblog.org/new-jersey-green-jobs

www.urbanhabitat.org/node/528

NJ Department of Labor and Workforce Development

NJ Department of Agriculture

NJ Department of Environmental Protection

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