



Bridges Career Academy

Advanced Natural Resources

Little Falls High School

Introduction to the areas of land management, conservation of soil, wildlife, water, forests, or related natural resources. Learn to survey wildlife, compile data pertaining to size, condition, and other characteristics of wildlife. Learn about the conservation of managing, improving, and protecting wet lands, prairies, fish and mammal habitats.

Academic Courses

- Natural Resources Management I
- Natural Resources Management II
- Advanced Natural Resources Science
- Natural Resources Projects

Career Experiences

- Learn from industry speakers
- Attend the Bridges Career Exploration Day or other regional career fairs
- Tour Camp Ripley, Wildlife Refuge
- Participate in a job shadow

Completion Standards

COMPLETE

All courses

GRADES

B ↑

ATTENDANCE

90%

Earn a **certificate** and **green cord** at graduation



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Job Skills

In addition to having technical skills, employers expect workers in this industry to have these skills:

- Written communication skills
- Ability to work with other professionals
- Ability to manage materials and supplies
- Problem solving skills
- Decision making skills



Advanced Natural Resources Career Academy

Little Falls High School

The Natural Resources Academy provides students with an introduction to the areas of land management, conservation of soil, wildlife, water, forests, or related natural resources. Students will learn to survey wildlife, compile data pertaining to size, condition, and other characteristics of wildlife, and learn about the conservation of managing, improving, and protecting wet lands, prairies, fish and mammal habitats. The Academy is designed for students interested in environmental studies and a hands-on career.

ACADEMY COURSES

Natural Resources Management I — .5 High School Credits

This course gives students an opportunity to explore areas of the natural world around us. Course work includes soils, insects, prairies, wetlands, and waterfowl.

Natural Resources Management II — .5 High School Credits

In this course students will explore the world around them in units involving; soils, lakes, rivers, fish of Minnesota and small mammals of Minnesota. Famous conservationists, as well as conservation acts will provide students with information regarding laws that protect wildlife and their habitats as well as conservation of natural resources.

Advanced Natural Resources Science — 1 High School and/or 3 College Credits

This course is an introduction to the natural world. Students will construct and monitor habitat houses, restore prairie plants on school property, explore the effects of exotic species introduced to native species and their populations. In addition, students will learn the ecology of bluebirds, wood ducks and walleye as well as forest ecology relating to tree identification, pruning, thinning and planting forests.

Natural Resources Projects — 1 High School Credit

This 'hands-on' course will allow students to experience different projects throughout the community and Camp Ripley with environmental professionals. Projects include such thing as; small animal telemetry, riparian planting, prairie planting, fisheries removal, forestry trail construction and wetland mapping.

COMPLETION STANDARD

Students wishing to receive a certification must complete all courses, earn a minimum of a 'B' grade, have 90% attendance and complete assignments on time.

CAREER EXPERIENCES

Students will explore and research careers with industry speakers, and participate Bridges Career Exploration Day and other career fairs. In addition, students will tour Camp Ripley, job shadow small animal telemetry, tour Crane Meadow National Wildlife Refuge, and plant prairie seeds with refuge personnel.

JOB SKILLS

In addition to having technical skills, employers expect their workers to have other skills such as:

- Written communication skills
- Ability to work with other professionals
- Ability to manage materials and supplies
- Problem solving skills
- Decision making skills

CAREER OPTIONS: www.careerwise.minnstate.edu/careers

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