



# Bridges Career Academy

## Intro to Natural Resources

*Little Falls High School*

Introduction to careers in natural resources. Learn about water, soil, wildlife, and fisheries from a natural resources and conservation perspective. Learn survey techniques, identify and track animals, and evaluate habitats. Work with professionals to design a tree shelter belt, develop a prairie land preservation plan and evaluate fishery habitats.

### Academic Courses

- Introduction to Natural Resources
- Natural Resources Management I
- Natural Resources Management II

### Career Experiences

- Learn from industry speakers
- Tour local Belle Prairie
- Attend the Bridges Career Exploration Day or other regional career fairs
- Participate in lake discussion

### 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



# Intro to Natural Resources Career Academy

Little Falls High School

The Natural Resources Academy provides students with an introduction to the careers in the areas of natural resources. Students will learn about water, soil, wildlife, and fisheries from a natural resources and conservation perspective. Learning survey techniques, identifying and tracking animals, and evaluating habitats are just a few of the highlights for this academy. Students will work with professionals as they design a tree shelter belt, develop a prairie land preservation plan and evaluate fishery habitats. The Academy is designed for students interested in environmental studies and a hands-on career.

## ACADEMY COURSES

**Introduction to Natural Resources** — .5 High School Credits

Students will examine areas of energy, wildlife, forestry, fisheries and resource conservation as well as learning plant identification. Comparing natural systems interact with the world around us will be thoroughly discussed throughout the course activities.

**Natural Resources Management I** — .5 High School Credits and/or 3 College Credits

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

**Natural Resources Management II** — .5 High School Credits and/or 3 College 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.

## 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 in Bridges Career Exploration Day and other career fairs. In addition, students will spend two days with professionals as they discuss special regulations of area lakes, tour Belle Prairie and discuss insects in agriculture with Avery Consulting.

## 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](http://www.careerwise.minnstate.edu/careers)

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