



Wildlife and Fisheries

Career Cluster	Agriculture, Food and Natural Resources
Course Code	18501
Prerequisite(s)	None
Credit	0.5
Program of Study and Sequence	Cluster course – Fundamental Natural Resources – Wildlife and Fisheries – Capstone experience
Student Organization	National FFA Organization
Coordinating Work-Based Learning	Job shadowing, mentoring, internships, entrepreneurship, service learning, workplace tours, apprenticeship, school-based enterprises, Supervised Agricultural Experience (SAE)
Industry Certifications	OSHA 10 Hour Safety Certification (General Industry), National Career Readiness Certificate (NCRC)
Dual Credit or Dual Enrollment	None
Teacher Certification	Agriculture Food and Natural Resources Cluster Endorsement; Natural Resources & Environmental Sciences Pathway Endorsement; *Agriculture Education
Resources	

Course Description:

Management of South Dakota’s wildlife and fisheries is critical to our future economic stability. Skills gained in this area will be beneficial to students seeking careers in the many facets of wildlife and fisheries. The Wildlife and Fisheries course addresses the biological and environmental issues related to wildlife and fisheries management within our state. Classroom and laboratory content may be enhanced by utilizing appropriate equipment and technology. Biology, English and human relations skills will be reinforced throughout the course. Work-based learning strategies appropriate for this course are school-based enterprises and field trips. Opportunities for application of clinical and leadership skills are provided by participation in FFA activities, conferences and skills competitions such as the Natural Resources Career Development Event or related proficiency award areas. All students are expected to maintain a Supervised Agricultural Experience program.

Program of Study Application

Wildlife and Fisheries is a second pathway course in the Agriculture, Food and Natural Resources cluster, Natural Resources and Environmental Science Systems pathway. Wildlife and Fisheries would follow Fundamental Natural Resources and would prepare a student to participate in a capstone experience.

Course Standards

WF 1 Demonstrate the importance of fish and wildlife management, including their respective habitats. (National AFNR NRS.02)

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	WF 1.1 Apply knowledge of natural resource components to the management of wildlife and fish.	
One Recall	WF 1.2 Identify fish and wildlife species.	
Two Skill/Concept	WF 1.3 Identify healthy habitat for wildlife and fish.	

Notes

WF 2 Identify economic and social issues related to fish and wildlife (National AFNR NRS.03)

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	WF 2.1 Discuss hunting/harvesting fish and wildlife species as a management technique.	
Two Skill/Concept	WF 2.2 Demonstrate processing techniques to use game and fish as food sources.	
Two Skill/Concept	WF 2.3 Distinguish safety practices related to hunting and fishing activities.	

Notes

WF 3 Compare life patterns of fish and wildlife.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Three Strategic Thinking	WF 3.1 Differentiate fish and wildlife function and form in their daily lives.	
One Recall	WF 3.2 Identify seasonal rituals of fish and wildlife species.	
Four Extended Thinking	WF 3.3 Diagnose wildlife and fish diseases.	

Notes

WF 4 Investigate careers in wildlife and fisheries conservation.

<i>Webb Level</i>	<i>Sub-indicator</i>	<i>Integrated Content</i>
Two Skill/Concept	WF 4.1 Locate, identify, research and interpret career information.	
Two Skill/Concept	WF 4.2 Compare and contrast characteristics of various careers	

Notes