



Course Proposal for Board Approval

Department: **Agriculture**

The department intends to **add a class** for the upcoming school year.

Course title: **Fish Forestry & Wildlife**

The course will be a(n) **Elective** class that lasts a **Semester**.

Grade levels eligible for enrollment: **Grade 9, Grade 10, Grade 11, Grade 12**

Prerequisites if any:

Describe how the course aligns with the department's vision and mission: **The intention of the course is to offer students an opportunity to investigate wildlife management & the role of the DNR, especially in Wisconsin. Additionally, the Wisconsin lumber industry generates billions of dollars in revenue as well as employs tens of thousands of individuals. Understanding how to manage these resources and the role the lumbar industry plays is a worthwhile opportunity for students. Currently, the Natural Resources course does not have the time to add in Wildlife Management/forestry as they are both broad topics to add to an already packed class.**

Identify the content standards: **NRS.01.04. Apply ecological concepts and principles to aquatic natural resource systems.**

NRS.01.05. Apply ecological concepts and principles to terrestrial natural resource systems.

Beginning

NRS.02.01. Examine and interpret the purpose, enforcement, impact, and effectiveness of laws, agencies, and private and public organizations related to natural resource management, protection, enhancement, and improvement (e.g., water regulations, game laws, , environmental policy, local, state, and national conservation organizations, agricultural extension service, etc.)

NRS.04.01. Demonstrate natural resource protection, maintenance, enhancement, and improvement techniques.

Outline the major concepts included in the course: **Unit 1- Exploring History & Importance of Wildlife Conservation**

Unit 2- Wildlife Biology & Ecosystems

Unit 3- Fish Management

Unit 4- Game Bird Management

Unit 5- Game Animal Management

Unit 6- Wisconsin Forestry

Each unit will be roughly 3 weeks long.

Describe the learning activities: **Various learning activities will include wildlife identification, habitat assessment & recommendation for maintenance, taxidermy, case studies related to wildlife law,**



dendrochronology of trees to determine age & environmental history, potential guest speakers from local DNR agents

Describe how the course aligns with the current scope and sequence. **This course will help to build more of a pathway style system for the natural resources pathway. It will give students an opportunity to explore concepts related to the DNR, wildlife & habitat management (with an emphasis on Wisconsin natives), Forestry/ lumber industry, legal land description, taxidermy and other related topics.**

The methods for evaluation include: **Each unit students will receive two larger assessments. One assessment to measure conceptual knowledge and understanding of key concepts. Additionally, students will be given a case study at the end of the various animal management units**

The criteria for intervention and/or enrichment include: **Criteria for intervention will be determined based on regular common formative assessments given throughout units. Students unable to demonstrate mastery will be pulled in prior to larger assessments to ensure success.**

Additional supplies and equipment with an estimate: **Taxidermy Kit- \$350**
Other kits are available to borrow from UW-Stevens Point and do not require purchase, just reservations.

Required text for review: **N/A**

Additional information: **No**

Department Member's Signatures of Support:

Date: