

**Available in comprehensive high schools**

# Wildlife & Natural Resources



The Wildlife & Natural Resources curriculum is delivered through a sequence of five classes: Intro to Agriscience and Technology, Agriculture Mechanical Technology, Wildlife Management, Environmental Conservation and Work Based Learning (WBL) Experience. These courses are designed to introduce students to wildlife of the Eastern United States and the diverse areas of the environment. One half credit of an Agricultural Cooperative Work Experience will be done at a state park or related facility pending students meeting the WBL grade, attendance, and discipline requirements.

## Major Units of Study

- Land and marine mammals and fish
- Identification, habits, habitat requirements, and ecosystem / food chain interactions
- Public policies and government laws pertaining to wildlife management
- Policies and conservation management practices related to water, soil, air, forests, wildlife wetlands and aquatic life, land use, energy resources, and the recreational use of these resources
- Work based learning experience

## Related Careers

- Conservation scientist
- Forester
- Environmental scientist
- Park ranger
- Oceanographer

## Post-Secondary

- Qualified students can earn 2 college credits through an articulation with the Allegany College of Maryland
- College
- Technical Schools/Technical Certification



**COMPLETER: *Wildlife & Natural Resources***

**CREDITS: 4**

- Guideline for Course Selections
- Refer to Graduation Requirements in the Program of Studies for specific course requirements in each content area

Grade à	9	10	11	12
Exact scheduling depends on student’s plan and school’s master schedule.	English 9 (1)	English 10 (1)	English 11 (1)	English 12 (1)
	US Government (1)	US History (1)	World History (1)	
	Conceptual Physics (1)	Chemistry (1)	Biology (1)	
	Algebra I / Data Analysis (1)	Intermediate Algebra / Data Analysis (1)	Geometry (1)	Algebra II / Data Analysis (1)
	PE (.5) / Health (.5)		PE (.5) / Financial Literacy (.5)	
	Fine Arts (1)	Foundations of Technology (1)		
	World Language (1)	World Language (1)		
<b>Completer Program Requirements</b>	Intro to Agriscience & Technology (1)	Agricultural Mechanical Technology (1)	Wildlife Management (.5)	Environmental Conservation (1) Internship (.5)
<b>Career Specific Electives</b> (may be taken any year offered after prerequisites have been satisfied)	Financial Management Using Software Applications (1), Math Elective Beyond Alg. II/Data Analysis (.5-1), AP Biology (1), AP Prob. & Stats. (1), Technological Issues & Impacts (1), Business Principles & Practices (1), Ecology (.5), Issues in American Society (.5), Science Research I or Honors Science Research I (1)			
8 credits possible per year				
<b>Value Added: From: Program:</b>	2 Articulated credits Allegany College of Maryland Forest Technology			

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