

# WILDLIFE TECHNOLOGY, A.S.

**Begin Campus:** DuBois

**End Campus:** DuBois

## Program Description

The Wildlife Technology major helps prepare students in the techniques of wildlife management. Personnel trained in this field are needed to assist in the applied phases of natural resource management, wildlife biology, range management, and the care, maintenance, and propagation of animals. Graduates should be able to support professionals in wildlife biology, park managers, game refuge managers, and laboratory technicians in research. The Wildlife Technology Program is accredited by the North American Wildlife Technology Association (NAWTA).

## What is Wildlife Technology?

Wildlife technology is the art and science of applying laboratory and field techniques to study and manage wildlife populations. It emphasizes practical skills in the areas of wildlife biology and management, biological and ecological science, communication, forest science, quantification, mapping, natural resources inventories, fisheries and wetlands, social science, recreation and safety, and environmental policy.

## You Might Like this Program If...

- You are passionate about wildlife, forestry, or the outdoors
- You have a keen interest in natural science, ecosystems, and how wildlife interact
- You are interested in studying and conserving wildlife, their habitats, and our natural resources for future generations
- You want to pursue a career in natural resource management, wildlife biology, environmental education, or outdoor recreation

## Entrance to Major

Students must have a minimum 2.0 GPA to change to this Associate degree after admission to the University.

## Degree Requirements

**For the Associate in Science degree in Wildlife Technology, a minimum of 65.5 credits is required:**

Requirement	Credits
General Education	21
Requirements for the Major	53.5

**9 of the 21 credits for General Education are included in Requirements for the Major. This includes 9 credits of General Education courses: 3 credits of GN and 6 credits of GWS.**

## Requirements for the Major

To graduate, a student enrolled in the major must earn a grade of C or better in each course designated by the major as a C-required course, as specified by Senate Policy 82-44 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#82-44>).

Code	Title	Credits
<b>Prescribed Courses</b>		
AG 113	Exploring Careers in Agriculture	1
BIOL 110	Biology: Basic Concepts and Biodiversity	4
CAS 100	Effective Speech	3
ENGL 202C	Effective Writing: Technical Writing	3
FOR 242	Elements of Project Supervision in Forestry	3
FORT 150	Dendrology	3
FORT 160	Silvicultural Practices	3
KINES 13	First Aid & Safety, CPR/AED	1.5
WILDL 106	Wildlife Management Techniques	4
WILDL 207	Outdoor Recreation	3
WILDL 211	GIS and Aerial Photo Interpretation in Wildlife Management	4
WILDL 213	Wetlands and Fisheries Management	4
<i>Prescribed Courses: Require a grade of C or better</i>		
WILDL 101	Introduction to Wildlife Management	3
WILDL 103	Animal Identification	4
WILDL 208W	Terrestrial Wildlife Management	3
<b>Additional Courses</b>		
ENGL 15	Rhetoric and Composition	3
or ENGL 30H	Honors Rhetoric and Composition	
WILDL 204	Wildlife Mensuration	4
or STAT 200	Elementary Statistics	

## General Education

Connecting career and curiosity, the General Education curriculum provides the opportunity for students to acquire transferable skills necessary to be successful in the future and to thrive while living in interconnected contexts. General Education aids students in developing intellectual curiosity, a strengthened ability to think, and a deeper sense of aesthetic appreciation. These are requirements for all associate degree students and are often partially incorporated into the requirements of a program. For additional information, see the General Education Requirements (<https://bulletins.psu.edu/undergraduate/general-education/associate-degree-general-education-program/>) section of the Bulletin and consult your academic adviser.

The keystone symbol appears next to the title of any course that is designated as a General Education course. Program requirements may also satisfy General Education requirements and vary for each program.

## Foundations (grade of C or better is required and Inter-Domain courses do not meet this requirement.)

- **Quantification (GQ):** 3 credits
- **Writing and Speaking (GWS):** 3 credits

## Knowledge Domains

- **Arts (GA):** 3 credits
- **Humanities (GH):** 3 credits
- **Social and Behavioral Sciences (GS):** 3 credits
- **Natural Sciences (GN):** 3 credits

**Note:** Up to six credits of Inter-Domain courses may be used for any Knowledge Domain requirement, but when a course may be used to satisfy more than one requirement, the credits from the course can be counted only once.

Exploration

- Any General Education course (including GHW and Inter-Domain): 3 credits

University Degree Requirements

Cultures Requirement

3 credits of United States (US) or International (IL) cultures coursework are required and may satisfy other requirements

Writing Across the Curriculum

3 credits required from the college of graduation and likely prescribed as part of major requirements.

Total Minimum Credits

A minimum of 60 degree credits must be earned for a associates degree. The requirements for some programs may exceed 60 credits. Students should consult with their college or department adviser for information on specific credit requirements.

Quality of Work

Candidates must complete the degree requirements for their major and earn at least a 2.00 grade-point average for all courses completed within their degree program.

Limitations on Source and Time for Credit Acquisition

Credit used toward degree programs may need to be earned from a particular source or within time constraints (see Senate Policy 83-80 (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/82-00-and-83-00-degree-requirements/#83-80>)). For more information, check the Suggested Academic Plan for your intended program.

Program Learning Objectives

- Students will be able to identify the flora and fauna of PA and explain their natural histories and their taxonomic relationships
- Students will show proficiency in field skills
- Students will be able to explain the history of and current issues in natural resources and apply that knowledge to real-life scenarios
- Students will be able to use their knowledge to develop and implement management strategies
- Students will be able to find and decipher scientific literature and information and communicate effectively via writing and oral presentations
- Students will be able to use established and emerging technology in natural resources to collect, manage, and explore data

Academic Advising

The objectives of the university's academic advising program are to help advisees identify and achieve their academic goals, to promote their intellectual discovery, and to encourage students to take advantage of both in-and out-of class educational opportunities in order that they become self-directed learners and decision makers.

Both advisers and advisees share responsibility for making the advising relationship succeed. By encouraging their advisees to become engaged in their education, to meet their educational goals, and to develop the habit of learning, advisers assume a significant educational role. The advisee's unit of enrollment will provide each advisee with a primary academic adviser, the information needed to plan the chosen program of study, and referrals to other specialized resources.

READ SENATE POLICY 32-00: ADVISING POLICY (<https://senate.psu.edu/policies-and-rules-for-undergraduate-students/32-00-advising-policy/>)

Dubois

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Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Wildlife Technology, A.S. at DuBois Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15, 30H, or ESL 15 <sup>††</sup>	3 WILDL 103 <sup>*</sup>	4
BIOL 110 <sup>†</sup>	4 WILDL 106	4
WILDL 101 <sup>*</sup>	3 FORT 160	3
FORT 150	3 KINES 13	1.5
General Education Course (GQ) <sup>††</sup>	3 General Education Course	3
	16	15.5

Second Year

Fall	Credits Spring	Credits
STAT 200 <sup>2</sup>	4 FOR 242	3
WILDL 207	3 WILDL 211	4
WILDL 208W <sup>*</sup>	3 AG 113	1
WILDL 213	4 ENGL 202C	3
CAS 100 <sup>††</sup>	3 General Education Course	3
	General Education Course	3
	17	17

Total Credits 65.5

- \* Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

<sup>1</sup> MATH 21 or higher

<sup>2</sup> WILDL 204 can be substituted for STAT 200 if offered

### University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS) requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

### Advising Notes:

- A student's career/graduate school plans should be considered in developing an individual academic plan. Be sure to consult an academic adviser in this department when scheduling courses.
- Recommended to complete a GH course that also satisfies the IL requirement.

## Career Paths

Our graduates have employment opportunities across the country to support professionals in natural resource management, forestry, fisheries, zoos and aquaria, wildlife research, environmental education, and parks and recreation management.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE WILDLIFE TECHNOLOGY PROGRAM (<https://dubois.psu.edu/academics/degrees/wildlife/careers/>)

### Professional Resources

- The Wildlife Society (TWS) (<https://wildlife.org>)
- North American Wildlife Technology Association (NAWTA)

## Accreditation

The Wildlife Technology Program has been awarded full accreditation for meeting all the curriculum standards of NAWTA.

## Contact

### Dubois

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<https://dubois.psu.edu/academics/degrees/wildlife> (<https://dubois.psu.edu/academics/degrees/wildlife/>)