Wildlife and Fisheries Resources, A.S.

Degree Offered

- Associate of Science

Career Opportunities

Upon completion of the two-year program, and ultimately a four-year program at another institution, the student is prepared for professional positions such as wildlife and fish biologists, wildlife managers, planners of wildlife conservation programs, and wildlife communication specialists. Students obtain a diverse background in biology, ecology, and natural resource management.

FACULTY

CHAIR

- Jeff Jones - M.S. Forestry
  Year @ PSC (2003)

PROFESSOR

- Jeff Jones - M.S. Forestry
  Year @ PSC (2003)

Admissions

Entering freshmen are admitted directly into the major.

General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (http://registrar.wvu.edu/gef/)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

Code	Title	Hours
General Education Foundations		
F1 - Composition & Rhetoric		3-6
ENGL 101 & ENGL 102	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research	
or ENGL 103	Accelerated Academic Writing	
F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Reasoning		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		**31-37**

Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

Curriculum Requirements

Code	Title	Hours
GEF Elective Requirements (6)		**3**
ENGL 101 & ENGL 102	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research (GEF 1)	6
MATH 124	Algebra with Applications (GEF 3)	3

STAT 211	Elementary Statistical Inference	3
Select one of the following groups (GEF 2):		4
BIOL 115 & 115L	Principles of Biology and Principles of Biology Laboratory (GEF 2)	
BIOL 101 & 101L	General Biology 1 and General Biology 1 Laboratory	
Select one of the following groups:		4
BIOL 117 & 117L	Introductory Physiology and Introductory Physiology Laboratory	
BIOL 102 & 102L	General Biology 2 and General Biology 2 Laboratory	
Select one of the following groups:		4
CHEM 115 & 115L	Fundamentals of Chemistry 1 and Fundamentals of Chemistry 1 Laboratory (GEF 8)	
CHEM 111 & 111L	Survey of General, Organic, and Biological Chemistry 1 and Survey of Chemistry 1 Laboratory	
FNRS 191	First-Year Seminar	1
COMM 270 & 270S	Presentational Speaking and Effective Public Speaking Studio (GEF 4)	3
AGEE 110	Microcomputer Applications in Agricultural Education	3
or CS 101	Intro to Computer Applications	
ESWS 202 & 202L	Principles of Soil Science and Principles of Soil Science Laboratory	4
FNRS 140	West Virginia's Natural Resources	3
FNRS 205 & 205L	Dendrology and Dendrology Laboratory	3
FNRS 212 & 212L	Forest Ecology and Forest Ecology Laboratory	4
WMAN 150	Principles of Conservation Ecology (GEF 7)	3
Select one of the following:		4
PLSC 206 & 206L	Principles of Plant Science and Principles of Plant Science Laboratory	
MATH 150	Applied Calculus	
Physical Science Elective		**4**
CHEM 112 & 112L	Survey of General Organic Biological Chemistry 2 and Survey of Chemistry 2 Laboratory	
CHEM 116 & 116L	Fundamentals of Chemistry 2 and Fundamentals of Chemistry 2 Laboratory	
PHYS 101 & 101L	Introductory Physics 1 and Introductory Physics 1 Laboratory	
SUST 101 & 101L	Sustainable Earth and Sustainable Earth Laboratory	
Elective		1
Total Hours		**60**

Suggested Plan of Study

First Year

Fall	Hours	Spring	Hours
ENGL 101 (GEF 1)	3	ENGL 102 (GEF 1)	3
MATH 124 (GEF 3)	3	Select one of the following groups:	4
Select one of the following groups (GEF 2):	4	BIOL 117 & 117L	
BIOL 115 & 115L		BIOL 102 & 102L	

BIOL 101 & 101L		COMM 270 & 270S (GEF 4)	3
Select one of the following groups (GEF 8):	4	WMAN 150 (GEF 7)	3
CHEM 115 & 115L		Physical Science Elective	4
CHEM 111 & 111L			
FNRS 191	1		
	15		**17**

Second Year

Fall	**Hours**	**Spring**	**Hours**
FNRS 140	3	ESWS 202 & 202L	4
FNRS 205 & 205L	3	AGEE 110 or CS 101	3
PLSC 206 & 206L	4	FNRS 212 & 212L	4
STAT 211 (GEF 8)	3	GEF 6	3
Elective	1		
	14		**14**

Total credit hours: 60

Major Learning Outcomes

WILDLIFE AND FISHERIES RESOURCES

1. Apply appropriate communication skills
2. Effectively use scientific terminology
3. Explain the connections among major, society, and the environment
4. Describe the relationship between scientific structure and function