

Wildlife Ecology & Conservation Sciences Pathway to WSU

at Walla Walla Community College



WASHINGTON STATE
UNIVERSITY



Walla Walla
Community
College

The Program

Wildlife ecologists research and implement scientifically sound strategies for the conservation, protection, and sustainable management of wild animals and their habitat.

The wildlife ecology and conservation sciences option combines strong science and a broad background in natural resources and the environment to help you fully understand the ecology, habitat, and conservation of wild animals.

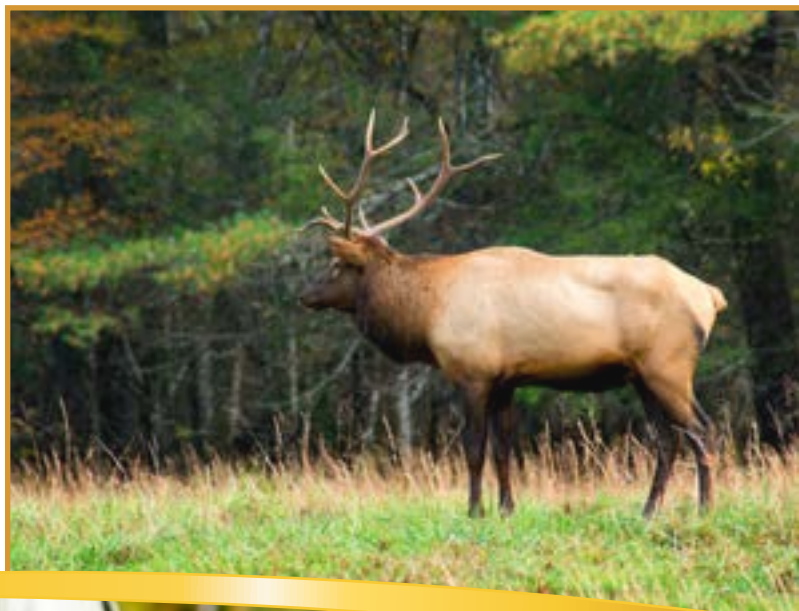
Career Opportunities

- Wildlife biologist, manager, or researcher
- Conservation biologist/endangered species specialist
- Wildlife refuge manager
- Wildlife officer/game warden
- Environmental consultant
- Environmental educator

WWCC's Degree Options

- Associate in Applied Sciences (AAS-T) Degree in Watershed Management-WC:

a two year degree program that matriculates into a Bachelor of Science in Earth and Environmental Sciences degree in **Wildlife Ecology & Conservation Sciences** in the College of Agricultural, Human, and Natural Resource Sciences (CAHNRS) and College of Arts and Sciences (CAS) at Washington State University.



www.wbcc.edu/wec

For More Information

Melissa Holecek • (509) 524-5208 • melissa.holecek@wbcc.edu

Walla Walla Community College...*Shape Your Future!*

Wildlife Ecology & Conservation Sciences Pathway

Required Coursework for WWCC Watershed Management-WECS AAS-T Degree*
that matriculates into a Bachelor of Science in Earth and Environmental Sciences degree
in Wildlife Ecology & Conservation Sciences at Washington State University.

Fall Quarter		
Course #	Course Name	Credits
CHEM& 121 or 161	Intro to Chemistry or General Chemistry I . . .	5
MATH& 141	Pre-Calculus I (M)	5
HUM& 117	Humanities II	5
Total Credits		15

Fall Quarter		
Course #	Course Name	Credits
BIOL& 211	Majors Cellular	5
ENT 150	Introduction to GIS	3
CMST& 210	Interpersonal Communications (O,R)	5
Total Credits		13

Winter Quarter		
Course #	Course Name	Credits
MATH& 142	Pre-Calculus II	5
CHEM& 122 or 162	Intro to Organic Chemistry or General Chemistry II	5
ART& 100	Art Appreciation	5
Total Credits		15

Winter Quarter		
Course #	Course Name	Credits
BIOL& 213	Majors Plant	5
ENT 151	Advanced GIS	3
HIST& 127	World Civilization II	5
MATH& 146	Introduction to Statistics	5
Total Credits		18

Spring Quarter		
Course #	Course Name	Credits
AGRI 201	Microeconomics	5
ENGL& 101	English Composition (W)	5
CHEM& 123 or 163	Intro to Biochemistry or General Chemistry III	5
Total Credits		15
Year One Total		45

Spring Quarter		
Course #	Course Name	Credits
BIOL& 212	Majors Animal	5
AGRI 222	Ag & Water Policy	5
HIST& 128	World Civilization III	5
Total Credits		15
Year Two Total		46
Total Credits		91

* Students must complete a **First Year Experience** course to graduate from WWCC; see the WWCC catalog for details

**The actual order and specific coursework may vary depending on student placement, start date, and quarter.
Please check with your advisor prior to any substitutions.**

Walla Walla Community College does not discriminate on the basis of race, color, national origin, sex, gender, disability, age, or any other legally protected status in its programs or activities. The following person(s) have been designated to handle inquiries regarding the non-discrimination policies. Sherry Hartford, Title IX Coordinator, Building D, Office 64 at 509.527.4382 or sherry.hartford@wwcc.edu or Bobbie Sue Arias, Ph.D., Coordinator of Disability Services, Building D, Office 133C at (509) 527-4262 or bobbisue.arias@wwcc.edu.

Walla Walla Community Colleges posts an Annual Security Report online. A paper copy of the report may also be obtained, free of charge, by visiting the Campus Security and Environmental Health and Safety office during normal business hours. The report contains policies and procedures related to campus safety and security, three years of crime statistics and other additional safety information.

Wildlife Ecology & Conservation Sciences Major

B.S. in Earth & Environmental Sciences

College of Agricultural, Human, and Natural Resource Sciences

Example course schedule; actual courses or sequencing of courses may vary. Within the College of Agricultural, Human, and Natural Resource Sciences (CAHNRS) and College of Arts and Sciences (CAS) professional electives are courses selected by the student in concert with their advisor that pertain to their major and/or to a specific sub-discipline of interest.

Fall Semester		
Course #	Course Name	Credits
SOE 204	Nat Res Measurements	2
SOE 300 or BIOL 372	Natural Resources Ecology or General Ecology	3-4
SOE 310	Methods in Wildlife Ecology	4
SOE 210	Earth History & Evolution	4
Elective	Professional Elective	3
	Foreign Language (if needed)	0/3
Total Credits		16-20

Fall Semester		
Course #	Course Name	Credits
SOE 454	Capstone	3
BIOL 412, 428 or SOE 318	Animal Systematics	3-4
STAT 412	Statistical Methods in Research	3
SOE 435	Wildlife Ecology	4
SOE 301	Forest Plants & Ecosystems	3
Total Credits		16-17

Spring Semester		
Course #	Course Name	Credits
SOE 302	Arid Land Plants & Ecosystems	3
SOE 450	Conservation Biology	3
SOE 431	Wildlife Nutrition	3
SOE 312	Nat Res & Society	3
SOE 423 or SOE 432	Animal Systematics	4
	Foreign language (if needed)	0/3
Total Credits		16-19
Year Three Total		32-39

Spring Semester		
Course #	Course Name	Credits
SOE 495	Undergrad Internship	0-3
SOE 438	Natural Resource Policy & Law	3
SOE 441	Population Ecology	4
SOE 446	Wildlife Habitat Ecology	3
Elective	Professional Elective	3
SOE 460	Watershed Management	3
Total Credits		16-19
Year Four Total		32-36

Total Credits at WSU 64-75

Example upper division professional electives include, but are not limited to:

Biology of Fish; Mammalogy; Landscape Ecology; Watershed Management; Fisheries Science; Fish Health Management; Biology & Management of Fishes; Population Ecology & Conservation; Environmental Measurements; Environmental Assessment; Sustainable Development in Water Resources; Natural Resources Economics & Policy; Managing the Global Environment; Environmental Psychology; Climate Change Science; Marine Ecology; Natural Resources Economics; Public Budgeting.

WSU College of Agricultural, Human and Natural Resources

at Washington State University



With 24 majors, 19 minors and 27 graduate programs, the College of Agricultural, Human and Natural Resources (CAHNRS) at WSU is one of the largest and most innovative on campus. CAHNRS awards over \$700,000 in scholarships annually and brings in tens of millions of dollars in research funding each year. CAHNRS students and alumni extend science to serve individuals, families, and communities at home and around the world. These impacts enhance quality of life, improve ecological and economic systems, and advance agricultural science.

At WSU, you will be mentored by world-renowned faculty, motivated by high-achieving peers, and supported by Cougar Alumni around the world. You'll also discover countless hands-on learning opportunities for every major. At WSU you'll find the resources you need to reach your goals.

Huge choice of activities—and great friends

- 350+ registered student organizations with 9,000+ members
- 4 student centers that build appreciation of cultural and ethnic diversity
- 6,000+ intramural sports players
- 9 Pac-12 Conference intercollegiate sports for women, 6 for men

Accessible faculty

- Low student-to-instructional faculty ratio (approximately 15 to 1)
- Small undergraduate classes
- 80% have fewer than 50 students

Campus housing options

- 33% of undergraduates live on campus
- 28 on-campus residence halls and apartment complexes
- 53 national fraternity and sorority chapters