

Forestry Pathway to WSU

at Walla Walla Community College



WASHINGTON STATE
UNIVERSITY



Walla Walla
Community
College

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

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

The Program

Foresters plan, maintain, and preserve forests and forest resources for public and private use. A strong background in the plant sciences with a strong emphasis on spatial analysis, including landscape ecology and GIS, prepares you to work as a professional forester, performing tasks ranging from increasing timber production to restoring wildlife habitat.

Career Opportunities

- Forester
- Environmental consultant
- Land, refuge, or wildlife habitat manager
- Reforestation specialist
- Geographic Information Systems (GIS) specialist

WWCC's Degree Options



www.wwcc.edu/wec

For More Information

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



Forestry Pathway

Required Coursework for WWCC Watershed Management-F AAS-T Degree*
that matriculates into a Bachelor of Science in Earth and Environmental Sciences degree
in Forestry 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
AGPR 201	Basic Soil Science.....	5
ENT 150	Introduction to GIS	3
CMST& 210	Interpersonal Communications (O,R)	5
	Total Credits.....	18

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
HIST& 127	World Civilization II	5
	Total Credits.....	15

Winter Quarter		
Course #	Course Name	Credits
BIOL& 213	Majors Plant	5
ENT 151	Advanced GIS	3
ART& 100	Art Appreciation.....	5
	Total Credits.....	13

Spring Quarter		
Course #	Course Name	Credits
ENGL& 101	English Composition (W)	5
HIST& 128	World Civilization III	5
AGRI 201	Microeconomics.....	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
MATH& 146	Introduction to Statistics.....	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.

Forestry 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
ECONS 330	Natural Resource Economics	3
SOE 204	Natural Resources Measurements	2
SOE 460	Watershed Management	3
SOE 300	Forest Plants & Ecosystems	3
SOE 301	Silviculture	3
SOE 210	Earth History & Evolution	3
	Foreign language (if needed)	0/3
Total Credits		17-20

Fall Semester		
Course #	Course Name	Credits
SOE 304	Forest Measurements	4
STAT 412	Statistical Methods in Research	3
SOE 430	Intro to Wildland Fire	3
SOE 454	Capstone	3
Elective	Upper division professional elective	3
Total Credits		16

Spring Semester		
Course #	Course Name	Credits
SOE 302	Arid Land Plants & Ecosystems	3
Soil Sci 374	Introduction to Remote Sensing	3
SOE 312	Natural Resources & Society	3
Soil Sci 468	ArcGIS and Spatial Analysis	3
SOE 455	Range Management	3
	Foreign language (if needed)	0/3
SOE 495	Undergraduate Internship (Summer Session) or 270 hours	3
Total Credits		18-21
Year Three Total		35-41

Spring Semester		
Course #	Course Name	Credits
SOE 404	Sampling Terrestrial Ecosystems	3
SOE 438	Natural Resources Policy & Law	3
SOE 485	Disturbance Ecology	4
SOE 464	Landscape Ecology	3
SOE 446 or SOE 450	Wildlife Habitat Ecology or Conservation Biology	3
Total Credits		16
Year Four Total		32

Total Credits at WSU 67-73

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

Wildlife Habitat Ecology; ARCGIS and Spatial Analysis; courses as approved to complete a minor.

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