

















	<b>Pathway: Natural Resources &amp; Environmental Systems</b>	<b>Plan of Study: Forestry, Wildlife, and Natural Resources</b>
---	---	---

<p><b>Program: <u>Forestry, Wildlife, and Natural Resources</u></b></p> <p><b>Career Goal (O*Net Code):</b>  <a href="#">CIP 03.0601 to SOC Crosswalk</a>; O*Net Search for Careers Related to <a href="#">Forestry</a>, <a href="#">Wildlife</a>, <a href="#">Natural Resources</a>  <i>(Click below to access education, skills, and employment outlook information)</i></p> <table border="0"> <tr> <td>19-1031.01 <a href="#">Soil and Water Conservationists</a> </td> <td>33-3031.00 <a href="#">Fish and Game Wardens</a> </td> </tr> <tr> <td>19-1031.02 <a href="#">Range Managers</a></td> <td>17-3031.02 <a href="#">Mapping Technicians</a></td> </tr> <tr> <td>19-1031.03 <a href="#">Park Naturalists</a></td> <td>33-2011.02 <a href="#">Forest Firefighters</a> </td> </tr> <tr> <td>19-4093.00 <a href="#">Forest and Conservation Technicians</a> </td> <td></td> </tr> <tr> <td>19-4091.00 <a href="#">Environmental Science and Protection Technicians, Including Health</a> </td> <td></td> </tr> </table> <p> - <b>Bright Outlook</b>  - <b>Green</b></p>	19-1031.01 <a href="#">Soil and Water Conservationists</a> 	33-3031.00 <a href="#">Fish and Game Wardens</a> 	19-1031.02 <a href="#">Range Managers</a>	17-3031.02 <a href="#">Mapping Technicians</a>	19-1031.03 <a href="#">Park Naturalists</a>	33-2011.02 <a href="#">Forest Firefighters</a> 	19-4093.00 <a href="#">Forest and Conservation Technicians</a> 		19-4091.00 <a href="#">Environmental Science and Protection Technicians, Including Health</a> 		<p><b>Relevant Occupational Experience</b>          (Your Life Experiences may be worth College Credit!):</p> <p><b><u>CCCS Credit for Prior Learning Guide</u></b></p> <p><b><u>FRCC Credit for Prior Learning</u></b></p> <ul style="list-style-type: none"> <li>• <a href="#">FRCC Standards for Awarding</a></li> <li>• <a href="#">Policies and Procedures</a></li> <li>• <a href="#">Transferability</a></li> </ul> <p><b><u>LMI Gateway Link to Related Occupations</u></b></p>
19-1031.01 <a href="#">Soil and Water Conservationists</a> 	33-3031.00 <a href="#">Fish and Game Wardens</a> 										
19-1031.02 <a href="#">Range Managers</a>	17-3031.02 <a href="#">Mapping Technicians</a>										
19-1031.03 <a href="#">Park Naturalists</a>	33-2011.02 <a href="#">Forest Firefighters</a> 										
19-4093.00 <a href="#">Forest and Conservation Technicians</a> 											
19-4091.00 <a href="#">Environmental Science and Protection Technicians, Including Health</a> 											

**Possible Pathways to your Career!**

	<b>Programs Available</b> 	<b>Program Length</b> <i>(*Based on meeting Program Entrance Requirements)</i>	<b>Estimated Tuition</b> <i>(*Based on Resident Tuition after COF)</i>	<b>Possible Career Options</b>	<b>Salary Range</b>
<b>Certificate Option(s)</b>	<a href="#">Natural Resources Certificate</a> <a href="#">Environmental Education Certificate</a> <a href="#">Forestry Certificate</a> <a href="#">Natural Resources Geographic Information Systems Certificate</a> <a href="#">Natural Resources Recreation Certificate</a> <a href="#">Wildland Fire Certificate</a> <a href="#">Wildlife Certificate</a>	17 Credits 9 Credits 9 Credits 9 Credits 9 Credits 9 Credits 9 Credits 9 Credits	<u>\$2,123.30</u> <u>\$1,124.10</u> <u>\$1,124.10</u> <u>\$1,124.10</u> <u>\$1,124.10</u> <u>\$1,124.10</u> <u>\$1,124.10</u>	<a href="#">Nursery aide, Forestry aide</a> <a href="#">Fisheries assistant, Fish culture aide, Fire dispatcher</a> <a href="#">Timber cruiser, Aquarium employee</a>	\$
<b>Associate Degree(s)</b>	<a href="#">Forestry, Wildlife and Natural Resources (A.A.S)</a> <a href="#">Wildlife Technology (A.A.S)</a> <a href="#">Forestry Technology (A.A.S)</a>	60 Credits 60 Credits 60 Credits	<u>\$7,494.00</u> <u>\$7,494.00</u> <u>\$7,494.00</u>	<a href="#">Forest and Conservation Technician, Forest Firefighters, Mapping Technician, Park Naturalist</a>	\$\$

**Articulation Opportunities to Advanced Degrees:**

<b>Advanced Degree(s)</b>	<a href="#">Warner College of Natural Resources at Colorado State University</a>	<a href="#">View CSU's course transfer guide</a>	<a href="#">Visit Website</a>	<a href="#">Zoologists and Wildlife Biologists, Industrial Ecologists, Natural Sciences Managers, Water Resource Specialists, Geographers, Foresters</a>	\$\$-\$\$\$\$
	Master's Degree in Fish, Wildlife, and Conservation Biology	Bachelor's Degree + 30-60 credits (2-4 Semester)	<a href="#">CSU</a>		
<a href="#">College Tuition Comparison Guide</a>					

\* \$ = \$15-25,000; \$\$ = \$25-55,000; \$\$\$ = \$55-90,000; \$\$\$\$ = Above \$90,000

**Career & Technical Education** is delivered through the Colorado Community College System [www.cccs.edu](http://www.cccs.edu)

\*\*\* This document is a guide only. It does not act as a legally binding contract.

## Extended Learning Experiences

### Student Services & Support Structures:

- [Academic Advising](#)
- [Academic Support Labs](#)
- [Admissions and Records](#)
- [Bookstores](#)
- [Career Counseling](#)
- [Crisis Counseling & Stress Management Services](#)
- [Disability Services](#)
- [English as a Second Language](#)
- [General Education Development \(GED\)](#)
- [Tutoring](#)
- [Libraries](#)
- [Student Email](#)
- [Student Employment Services](#)
- [Student Life](#)
- [Testing Center Services](#)
- [Veteran Services](#)

### Financial Aid:

- [FAFSA](#)
- [Grants](#)
- [Work Study](#)
- [Loans](#)
- [Scholarships](#)

### Professional Affiliations

- [Society of American Foresters \(FRCC Student Club\)](#)
- [Society of American Foresters \(SAF Organization\)](#)
- [North American Wildlife Technician Association \(NAWTA\)](#)
- [Forestry USA](#)

### Practical Learning Experiences:

- [Internships](#)
- [Career Preparation](#)
- [Service Learning/Volunteering](#)
- [Unique Program Opportunities](#)
- [Student Experiences](#)

[Front Range Community College](#) is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

[Front Range Community College](#) does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to:  
Human Resources, 3645 West 112<sup>th</sup> Avenue, Westminster, CO 80031. (303) 404 - 5307

**Career & Technical Education** is delivered through the Colorado Community College System [www.cccs.edu](http://www.cccs.edu)

\*\*\* This document is a guide only. It does not act as a legally binding contract.

**Physical & Sensory Requirements, Forestry, Wildlife, and Natural Resources Technology**

**Key:** N = Never O = Occasional: 1 – 33% of time F = Frequent: 34 – 75% of time C = Constant: 76 – 100% of time

PHYSICAL CAPABILITIES								SENSORY CAPABILITIES														
Activity		Frequency				Activity		Frequency				Activity		Frequency								
		N	O	F	C			N	O	F	C			N	O	F	C					
<b>Lift/Carry</b>						<b>Push/Pull</b>						<b>Walk</b>					<b>Able to see clearly at both near and far distances</b>					
10 lbs or less						15 lbs or less						Sit					Able to identify and distinguish colors					
11-20 lbs						16-30 lbs						Stand					Able to judge distances and spatial relationships					
21-50 lbs						31-50 lbs						Fine motor manipulations					Able to communicate verbally and in writing					
51-100 lbs						51-100 lbs						Gripping					Able to distinguish between sounds such as telephone vs. fire alarms, tone of voice, varied decibels					
100+ lbs												Squat/Kneel					Able to perceive attributes of objects such as size, shape, temperature, texture through touch					
												Bend										
<b>Drive</b>						<b>Computer</b>						Twist/Turn										
Manual						Data Entry						Crawl										
Automatic						Use of mouse						Climb										
												Reach above chest										
												Reach outward										

For more information on the Physical & Sensory Requirements for this Pathway, please contact:

**Disability Support Services**

- [Boulder Campus:](#) (303) 678 - 3922
- [Larimer Campus:](#) (970) 204 – 8112
- [Westminster Campus & Brighton Center:](#) (303) 404 - 5676

[Front Range Community College](#) is accredited by the Higher Learning Commission and a member of the North Central Association of Colleges and Schools.

[Front Range Community College](#) does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities. Please direct inquiries to: Human Resources, 3645 West 112<sup>th</sup> Avenue, Westminster, CO 80031. (303) 404 - 5307

**Career & Technical Education** is delivered through the Colorado Community College System [www.cccs.edu](http://www.cccs.edu)

\*\*\* This document is a guide only. It does not act as a legally binding contract.