

NATURAL RESOURCES TECHNOLOGY - CERTIFICATE

Certificate

Faculty Advisers

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This program contains all the first-year courses in the Forest Resources and Wildlife degrees. It is suitable as a standalone program for those working in natural resources, forest management, or conservation. Students may also complete this program then finish the Forest Resources or Wildlife degree.

Program Outcomes

At the completion of this program, students should be able to:

- Perform relevant field tasks required of natural resource technicians
- Use a broad range of technological tools to research, document, map, measure, record and analyze data relevant to natural resources
- Demonstrate a practical understanding of Pacific Northwest forest ecosystems
- Demonstrate knowledge of social influences on ecosystem management
- Demonstrate professional skills needed for successful job performance

Note: Students who placed into MTH060 Beginning Algebra I ★ must complete it during their first term in the program.

General education courses (such as math, writing, health, etc.) can be taken during any term, or before starting the program.

First Quarter

Fall		Credits
F111	Introduction to Natural Resources	3
F141	Tree and Shrub Identification (Dendrology)	3
NR160	Wildland Fire	3
NR150	Career Development in Natural Resources	1
Select one of the following:		3
HPE285OL	Wilderness Survival (recommended)	
HPE295	Health and Fitness for Life ★	
other Health / Physical Education course		
Credits		13

Second Quarter

Winter		
FT122	Forest Measurements I	5
FW251	Principles of Wildlife Conservation	3
MTH065	Beginning Algebra II ★ (or higher, excluding MTH098)	4
WR121Z	Composition I ★	4
Credits		16

Third Quarter

Spring		
FT221	Aerial Photo Interpretation, GPS and sUAS	4
NR140	Introduction to Forest Soils	3
NR230	Forest Botany	3
NR144 or FW253	Forest Insects and Diseases ¹ or Field Ornithology	3
Human Relations requirement (https://catalog.mhcc.edu/degree-certificate-requirements/aas/#human)		3
Credits		16
Total Credits		45

¹ Students who are considering continuing their studies in the **Forestry** program should select NR144 Forest Insects and Diseases. Students who plan to continue in the **Wildlife** program should select FW253 Field Ornithology.