

NATURAL RESOURCES TECHNOLOGY - CERTIFICATE

Certificate | mhcc.edu/NRT (<http://mhcc.edu/NRT/>)

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 stand alone 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 |
| NR180A | 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 and GPS | 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.