

**Career Pathway: Natural Resources**

**Get the Facts**

Do you have an interest in forestry, wildlife, biology, and sciences? Then you should explore the Montana Career Pathways area of Natural Resources.

**Workforce Trends**

According to the U.S. Department of Labor, employment of conservation scientists and foresters is projected to grow seven percent through the year 2024.

**CAREER AND TECHNICAL EDUCATION**

**Recommended Pathway Courses**

Students may select individual courses for exploration or a complete Pathway for an in-depth focus

**CLASS AVAILABILITY MAY VARY AT YOUR SCHOOL**

Course #	Foundation Courses (required)	Credit
18001	Introduction to Agriculture (Ag I)	.5/1.0
18002	Agriculture- Comprehensive (Ag II)	.50/1.0
18501	Wildlife Management	0.5/1.0
18307	Agriculture and Society	.50/1.0
Elective Courses		
18502	Forestry	.50/1.0
18503	Forest Harvesting	.50/1.0
18504	Natural Resources Management	.50/1.0
18203	Agricultural Leadership	.50/1.0
18202	Agricultural Entrepreneurship	.50/1.0
18998	Agriculture, Food, and Natural Resources-Workplace Experience (SAE)	.50/1.0

1.0 credit

1.0 credit

2.0 credits for completion

Foundation courses taken beyond the required credits can be used as elective credit.  
Additional CTE Credits are recommended for Pathway completion

**Careers in Finance are:**

- High demand/High skill/High wage

**Career Examples**

- Foresters
- Park Rangers
- Timber graders
- Conservation Biologists
- Science Technician
- Fishing Guide

According to the Montana Department of Labor & Industry, the median hourly wage for occupations within the Natural Resources Pathway is \$16.84

**State Graduation Requirements**

**High School**

[Administrative Rules of Montana 10.55.905](#)

**Suggested High School Plan of Study**

High School <a href="#">Administrative Rules of Montana 10.55.905</a>		9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested
English/Language Arts	4.0	English 9 1.0	English 10 1.0	English 11 1.0	English 12 1.0
Mathematics	2.0	Math* 1.0	Math* 1.0	Math* 1.0	Math* 1.0
Social Studies	2.0	Social Studies* .50/1.0	Social Studies* .50/1.0	U.S History 1.0	U.S. Government 1.0
Science	2.0	Earth Science 1.0	Biology 1.0	Science Elective*	
Health Enhancement	1.0	P.E./Health* .50	P.E./Health* .50	P.E./Health Electives*	
Arts	1.0	Arts Courses* 1.0			
Career and Technical Education	1.0	Pathway Foundation Course .50/1.0	Pathway Foundation Course .50/1.0	Pathway Elective Course .50/1.0	Pathway Elective Course .50/1.0
Work-Based Learning		Participation in a Pathway-related work-based learning experience			
Career and Technical Student Organization		Business Professionals of America/DECA			

**College and Career**

**Beyond High School**

There are many options for education and training beyond high school, depending on your career goals.

- Certificate
- Associate degree
- Bachelor's degree
- Professional degree
- On-the-job training
- Apprenticeship
- Military training

For more information on salary projections, labor market demand, and training options, visit [lmi.mt.gov](http://lmi.mt.gov).

- \*Talk to your school counselor about requirements in the core curriculum. Core curriculum and elective requirements vary district to district.
- Many CTE courses may qualify for dual enrollment credit, which in some cases may earn up to 1.0 credit toward Pathway completion. Talk to your school counselor about availability.

- Dual enrollment course offerings vary by school and district.
- Many Montana post-secondary programs accept high school courses toward a two- and four-year degree through dual enrollment. Check with post-secondary campuses for details.