

College of Natural
Resources



Masters of Natural Resources (MNR) Fire Ecology and Management

Non-Thesis Degree - Completely Online

Advance Your Fire Ecology & Management Career

The MNR Fire Ecology and Management Option provides knowledge and skills to address wildland fire management challenges facing our society. Completing this option will help you advance your professional career in wildland fire management, fuels management, and restoration by increased understanding of fire science, ecology, fire-related policy, and social issues coupled with the latest tools and technology.

Your degree will include a core set of wildland fire science courses in addition to courses in Ecology and Management, Policy Planning and Society, and Tools and Technology.

You will be joining one of the strongest programs in the Nation that prides itself on educational excellence at a great value.

You will be charged **resident tuition** provided you only register for online courses.

uidaho.edu/nronline
208-885-0165

It is U of I policy to prohibit and eliminate discrimination on the basis of race, color, national origin, religion, sex, sexual orientation and gender identity/expression, age, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities, and includes, but is not limited to, applications, admissions, access to programs and services, and employment.

Did You Know?

- The College of Natural Resources is ranked by College Factual as 1st in the nation for **Value**
- The first and only master's degree in wildland fire science in the US

Fast Facts

- 30 credit, non-thesis program designed for working professionals, but open to all
- Can be completed in 3 semesters
- Completely online
- Support for veterans and active service members
- Up to 12 applicable credits can be transferred in
- No GRE required
- Apply year-round

Need more information?



MNR

Fire Ecology and Management

2020-2021 Curriculum Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

The Master of Natural Resources: Fire Ecology and Management degree requires 30 credits for the degree.

This includes 14 credits of core fire science coursework.

The degree requires 2 credits of non-thesis research (NR 599). This is your Final Portfolio or Project.

You will be assigned a major professor/advisor at the time of admission.

When creating your study plan, you will need to select courses from the 3 bins:

- ❖ Select 2-3 credits in the Ecology and Management bin.
- ❖ Select 5-6 credits in the Policy, Planning, and Society bin.
- ❖ Select 4 credits in the Tools and Technology bin.
- ❖ Select 2 credits of electives.
- ❖ Select 2 credits of NR 599 (non-thesis research).

If you need to enter transfer credits please contact Lana Unger in the College of Graduate Studies:
lunger@uidaho.edu

MNR

Fire Ecology and Management

2020-2021 Curriculum Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

	CRN	Course	Credits
Core Courses	61425	FOR 451 (S) Fuels Inventory and Management (online)	3
	38684	FOR 526 (F) Fire Ecology (online)	3
	70807	FOR 546 (S) Science Synthesis and Communication (online)	3
	39588	FOR 557 (F) Advanced Fire Behavior (online)	3
	38590	FOR 587 (F) Wildland Fire Policy (online)	2
		TOTAL CREDITS (all 5 courses)	
Ecology & Management	52952	REM 440 (S) Wildland Restoration Ecology (online)	3
	32523	REM 459 (F) Rangeland Ecology (online)	2
	71460	WLF 506 (S) External Speakers (online)	1
	82693	REM 507 (F) Landscape and Habitat Dynamics (online) *	3
	various	FOR, Rem, WLF, ENVS 504 (F,S) Special Topics (various)	var
		TOTAL CREDITS	
Policy, Planning, & Society	82693	NR 507 (Sum) Moral Reasoning in Natural Resources (online)	3
	41381	BIOP 523 (F) Planning Sustainable Places	3
	36044	FS 536 (F) Principles of Sustainability (online)	3
	68274	FS 536 (S) Principles of Sustainability (online)	3
	69903	FOR 554 (S) Air Quality Pollution and Smoke (online) *	3
	84480	FOR 554 (Sum) Air Quality Pollution and Smoke (online) *	3
		NRS 576 (tbd) Environmental Project Management and Decision Making	
	68073	FOR 584 (S) Natural Resource Policy Development (online)	3
	85228	NRS 588 (Sum) NEPA Policy and Practice (online)	3
	various	NRS 504 (F,S) Special Topics (various)	var
	TOTAL CREDITS		5-6
Tools & Technology	33890	REM 410 (F) Principles of Vegetation Measurement (online)	2
	63154	REM 510 (S) GIS Applications in Fire Ecology and Management (online)	2
	37222	REM 507 (F) Landscape and Habitat Dynamics (online) *	3
	69903	FOR 554 (S) Air Quality Pollution and Smoke (online) *	3
	84480	FOR 554 (Sum) Air Quality Pollution and Smoke (online) *	3
		NRS 578 (S) Lidar and Optical Remote Sensing (online)	
		TOTAL CREDITS	

If you are interested in taking one of these courses, the Course Registration Number (CRN) will be needed during enrollment. Semesters: F (Fall), S (Spring), Sum (Summer).

30 total credits for degree, including a 2 credit non-thesis project.

* REM 507 Landscape and Habitat Dynamics can be used for either the Ecology and Management requirement -OR- the Tools and Technology requirement (but not both).

* FOR 554 Air Quality, Pollution, and Smoke can be used to contribute to either the Policy, Planning and Society requirement -OR- the Tools and Technology requirement (but not both).

MNR

Electives - Fire

2020-2021 Curriculum Plan

This document is for planning purposes only. For official degree information, refer to Degree Audit and speak with your advisor.

	CRN	Course	Credits
Policy, Planning, & Society	42472	ENVS 484 (F) History of Energy (online)	3
	69103	ENVS 485 (S) Energy Efficiency and Conservation (online)	3
	41124	ENVS 549 (F) Water Quality in the Pacific Northwest (online)	3
	41807	ENVS 552 (F) Environmental Philosophy (online)	3
	83219	ENVS 552 (Sum) Environmental Philosophy (online)	3
	83899	NRS 574 (Sum) Environmental Politics and Policy (online)	3
	42447	ENVS 579 (F) Introduction to Environmental Regulations (online)	3
Ecology & Management	62452	BE 450 (S) Environmental Hydrology (online)	3
	41907	FISH 515 (F) Large River Fisheries (online)	2
	39412	FISH 525 (F) Aquaculture in Relation to Wild Fish Populations (online)	2
	30715	FISH 540 (Sum) Wetland Restoration (online)	3
	84190	WLF 440 (Sum) Conservation Biology (online)	3
	84468	WLF 540 (F) Conservation Genetics (online)	1-3
	67015	WLF 561 (S) Landscape Genetics (online)	2
	42120	ENVS 422 (F) Environmental Soil Chemistry (online)	3
	38944	FISH 504 (var) Climate Change and Conservation Management (online)	2
	39307	FISH 511 (F) Fish Physiology (online)	2
Tools & Technology	40926	GEOG 524 (F) Hydrological Applications of GIS and Remote Sensing (online)	3
	83556	NR 525 (F) Scientific Graphic Design (online)	3
	81502	ED 571 (Sum) Introduction to Quantitative Research (online)	3
	61355	ENVS 541 (S) Sampling Analysis and Environmental Contamination (online)	3
All Categories	28536	ENVS 501 (F) Seminar (online)	1
	63522	ENVS 501 (S) Seminar (online)	1
	41604	FOR 501 (F) Seminar (online)	1
	39549	NRS 501 (F) Seminar (online)	1
	71460	WLF 506 (S) External Speakers (online)	1
	various	ENVS, WLF, FOR, REM, or NRS 504 (var) Special Topics (various)	var

In the MNR Fire Ecology and Management Option you may select at least 2 credits of electives.

If you are interested in taking one of these courses, the Course Registration Number (CRN) will be needed during enrollment. Semesters: F (Fall), S (Spring), Sum (Summer).



Masters of Natural Resources Core Faculty



Leda Kobzair



Dennis Becker



Randy Brooks



April Hulet



Karen Launchbaugh



Alistair Smith



Eva Strand



Lee Vierling



Lisette Waits



Frank Wilhelm



Patrick Wilson



Jan Eitel



Karla Eitel



Teresa Cohn



Mark Wolfenden



Jason Karl

uidaho.edu/nronline

208-885-0165

It is U of I policy to prohibit and eliminate discrimination on the basis of race, color, national origin, religion, sex, sexual orientation and gender identity/expression, age, disability, or status as a Vietnam-era veteran. This policy applies to all programs, services, and facilities, and includes, but is not limited to, applications, admissions, access to programs and services, and employment.



Kerri Veirling