FIRE ECOLOGY, MANAGEMENT AND TECHNOLOGY GRADUATE ACADEMIC CERTIFICATE

All required coursework must be completed with a grade of B or better (O-10-b (https://catalog.uidaho.edu/general-requirements-academic-procedures/o-miscellaneous/)).

Code	Title	Hours
Fire Core:		
FIRE 5326	Fire Ecology	3
FIRE 5484	Wildland Fire Policy	2
FOR 5900	Science Synthesis and Communication	3
Select one Ecology and Management course from the following:		2-3
FIRE 4310	Prescribed Burning Lab	
FIRE 5490	Advanced Fire Behavior	
REM 4290	Landscape Ecology	
REM 4400	Restoration Ecology	
REM 4590	Rangeland Ecology	
REM 5070	Landscape and Habitat Dynamics	
Select one Tools and Technology course from the following:		2-4
FIRE 4407	GIS Application in Fire Ecology and Management	
FIRE 4433	Fire and Fuel Modeling	
FIRE 4435	Remote Sensing of Fire	
FIRE 4451	Fuels Inventory and Monitoring	
FIRE 5410	Air Quality, Pollution, and Smoke	
FOR 4720	Remote Sensing of the Environment	
Select one Planning and Policy course from the following:		3
ENVS 5790	Introduction to Environmental Regulations	
FOR 5300	Natural Resource Policy Development	
NRS 5740	Environmental Politics and Policy	
NRS 5760	Environmental Project Management and Decision Making	
NRS 5880	NEPA in Policy and Practice	
REM 4560	Integrated Rangeland Management	
Total Hours		**15-18**

Courses to total 15 credits for this certificate

Please see the Graduate Student Handbook (https://futurevandals.uidaho.edu/handbook/graduate/College_of_Natural_Resources.pdf) for details and program requirements on earning this certificate.

1. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will be able to apply sound science to solve complex issues related to fire management.
2. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will be able to summarize fire science and communicate effectively to managers and policy makers.
3. Upon completion of the Graduate Certificate in Fire Ecology, Management and Technology, students will understand the historical development of fire policy in the United States and how that effects contemporary fire management.