

Fire Ecology and Management Minor
Catalog Year 2014-2015

To complete this minor, students must complete a minimum of 20 credits from the list below, with at least 12 credits in courses numbered 400 or above.

Fire Core (8cr)	CR	GR	Sem*
FOR 326 Fire Ecology and Management (FOR 221 or REM 221)	3		F
Rem 244 Wildland Fire Management	2		S
One of the following (3 cr):			
FOR 427 Prescribed Burning Laboratory (FOR 326, rem 244, Senior standing, and permission, Coreq: FOR 326)	3		F
FOR 433 Fire and Fuel Modeling (FOR 375, GEOG 385, or permission; Coreq: FOR 450)	2		S
FOR 450 Fire Behavior (FOR 326 and PHYS 111/111L; Coreq: FOR 433)	2		S

	Ecology (2-3 cr)	CR	GR	Sem*
FOR 330	Forest Soil and Canopy Processes (SOIL 205, MATH 143 or 160, Physics 100/100L or 111/111L, and FOR 221 or REM 221)	4		F
REM 429	Landscape Ecology (FOR 221 or REM 221)	3		S
REM 440	Wildland Restoration Ecology (REM 221, for 221, or equivalent)	3		S
REM 459	Rangeland Ecology (Rec: FOR/REM 221, ENGL 317, REM 411, or FOR 274, or perm)	2		F
REM 460	Integrating GIS and Field Studies in Rangelands (Coreq: REM 459)	2		F
WLF 314	Wildlife Ecology I (FOR 221, REM 221, or BIOL 314)	3		F

	Applied Tools and Technology (3 cr)	CR	GR	Sem*
FOR J435/J535	Remote Sensing of Fire (FOR 375 or permission)	3		S
GEOG 301	Meteorology (GEOG 100/100L, PHYS 100/100L, PHYS 111/111L, or PHYS 211/211L; and MATH 143; or permission)	3		F
GEOG 385	GIS Primer (Basic knowledge of PC-based operating system)	3		F/S
GEOG 401	Climatology (GEOG 301, GEOG 313 or grad standing)	3		S Alt/Yr
GEOG 475	Advanced GIS (GEOG 385 and Stat 251)	3		S

	Management, Planning and Policy (6 cr)	CR	GR	Sem*
CSS 490	Wilderness and Protected Area Management	3		S Alt/Yr
FOR 324	Forest Regeneration (FOR 274, FOR 330, SOIL 205 and SOIL 206)	3		S
FOR 424	Fire Dynamics and Management (Sr standing and FOR 274, FOR 320, FOR 324 and FOR 330)	424		F
FOR 430	Forest Operations (PHYS 100/100L or PHYS 111/111L; prereq or coreq: MATH 144)	3		F
FOR 462	Watershed Science and Management (MATH 143, PHYS 100 or PHYS 111 or HS equivalent)	3		F
FOR 484	Forest Policy and Administration (Junior Standing; Rec: FOR 235 and CSS 383)	2		S
REM 456	Integrated Rangeland Management (Rec: REM 151)	3		S

*Semesters that courses are taught are subject to change.