

# Fire Ecology and Management Minor

## Catalog Year 2011-2012

Name \_\_\_\_\_

Student ID \_\_\_\_\_

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.

<b>Fire Core (8 cr)</b>	<b>CR</b>	<b>GR</b>	<b>Sem*</b>
For 426 Wildland Fire Ecology and Management (For 221 or REM 221)	3		F
REM 244 Wildland Fire Management	2		F
One of the following (3 cr):			
For 427 Prescribed Burning Laboratory (REM 244, For 450, For 451, Senior standing, and permission. Coreq: For 426)	3		F
For 450 Combustion Fire Behavior and Fuels (Phys 111 and REM 244) (Coreq: For 451)	3		S
For 451 Fuels Inventory and Management (For 375, REM 244 and For 274 or REM 357) (Coreq: For 450)	3		S

<b>Ecology (2-3 cr)</b>	<b>CR</b>	<b>GR</b>	<b>Sem*</b>
For 330 Forest Ecosystem Processes (Soil 205, Math 143 or 160, and HS Physics or Phys 100)	3		F
REM 429 Landscape Ecology (For/REM/Wlf 221)	3		S
REM 440 Wildland Restoration Ecology	3		S
REM 459 Rangeland Ecology (Recomm: A course in general ecology or perm)	2		F
REM 460 Rangeland Ecology Current Topics and Field Studies (Coreq: REM 459)	1		F
Wlf 314 Wildlife Ecology I	3		F

<b>Applied Tools and Technology (3 cr)</b>	<b>CR</b>	<b>GR</b>	<b>Sem*</b>
For 375 Introduction to Spatial Analysis for Natural Resource Mgmt (College Algebra)	3		S
For 435 Remote Sensing of Active Fire and Post-fire Effects (NR 402 or REM 402; or Permission)	3		S Alt /yrs
Geog 301 Meteorology (Geog 100 or Phys 100)	3		F
Geog 385 GIS Primer (Basic knowledge of PC-based operating system)	3		F/S
Geog 401 Climatology (Geog 100 or Geog 301 or Phys 100)	3		S Alt /yrs
Geog 475 Advanced GIS (Geog 385 or perm)	3		S
REM 402 GIS Applications in Natural Resources	2		F
REM 407 GIS Applications in Fire Ecology and Mgmt	2		S

<b>Management, Planning and Policy (6 cr)</b>	<b>CR</b>	<b>GR</b>	<b>Sem*</b>
CSS 490 Wilderness and Protected Area Management	3		S Alt /yrs
For 324 Forest Regeneration (For 274, For 330, Soil 205 and Soil 206)	3		S
For 424 Forest Dynamics and Management (For 274, 320, 324 and 330)	4		S
For 462 Watershed Science and Management (Recomm: Math 143 or 160, HS physics or Phys 100 or 111)	3		F
For 484 Forest Policy and Administration (Junior Standing; Recomm: For 235 and 383)	2		S
ForP 430 Forest Engineering and Harvesting (Recomm: ForP 230)	3		F
REM 456 Integrated Rangeland Management (Recomm: REM 251)	3		S

\*Semesters that courses are taught are subject to change.