

FIRE SCIENCES AND MANAGEMENT MINOR

Minor - Fire Sciences & Management (Minor)

W.A Franke College of Forestry & Conservation

Degree Specific Credits: 24

Required Cumulative GPA: 2.0

Catalog Year: 2017-2018

Summary

| | |
|--------------------------------------|----|
| Major Required Course | 3 |
| Required Course | 3 |
| Ecology Courses | 3 |
| Practicum or Planning Course | 3 |
| Meteorology or Climate Course | 3 |
| Measurements & Analysis Electives | 3 |
| Natural/Management Science Electives | 3 |
| Social Science Electives | 3 |
| Total Hours | 24 |

Major Required Course

Rule: must take the following course

| | | |
|-------------|--|---|
| FORS 230 | Fire Management & Environmental Change | 3 |
| Total Hours | | 3 |

Minimum Required Grade: C-

Required Course

Rule: must take the following course

| | | |
|-------------|--------------|---|
| FORS 333 | Fire Ecology | 3 |
| Total Hours | | 3 |

Minimum Required Grade: C-

Ecology Courses

| | | |
|------------------------------|-------------------|--|
| Select one of the following: | 3 | |
| BIOE 370 | General Ecology | |
| FORS 330 | Forest Ecology | |
| NRSM 462 | Rangeland Ecology | |
| Total Hours | 3 | |

Minimum Required Grade: C-

Practicum or Planning Course

Note: FORS 498 must be approved by fire minor advisor prior to registration and taken for 3 credits

| | | |
|------------------------------|---|--|
| Select one of the following: | 3 | |
| FORS 440 | Forest Stand Management | |
| FORS 495 | Wildland RxFire Practicum | |
| FORS 498 | Internship (must be approved by fire minor advisor) | |
| NRSM 495 | Ecosystem Science and Restoration Practicum | |
| PTRM 485 | Recreation Planning | |
| WILD 480 | The Upshot--Appld Wildlife Mgt | |

Total Hours 3

Minimum Required Grade: C-

Meteorology or Climate Course

Rule: Must take one of the following courses

| | | |
|-------------|-----------------------|---|
| ERTH 303N | Weather and Climate | 3 |
| or NRSM 418 | Ecosystem Climatology | |

Total Hours 3

Minimum Required Grade: C-

Measurements & Analysis Electives

| | | |
|------------------------------|----------------------|--|
| Select one of the following: | 3 | |
| FORS 202 | Forest Mensuration | |
| FORS 350 | Forestry Apps of GIS | |
| FORS 351 | Env Remote Sensing | |

Total Hours 3

Minimum Required Grade: C-

Natural/Management Science Electives

Rule: Take at least one course from the following, but if one of these courses is required for the major a second elective must be taken

| | | |
|---------------------------------------|------------------------------------|--|
| Select at least one of the following: | 3 | |
| BIOE 449 | Plant Biogeography | |
| FORS 331 | Wildland Fuel Management | |
| FORS 347 | Multiple Resource Silviculture | |
| FORS 349 | Practice of Silviculture | |
| GPHY 317 | Geomorphology | |
| NRSM 385 | Watershed Hydrology | |
| NRSM 465 | Foundations of Restoration Ecology | |
| WILD 370 | Wildlife Habitat Cons & Mgmt | |

Total Hours 3

Minimum Required Grade: C-

Social Science Electives

Rule: Take at least one course from the following, but if one of these courses is required for the major a second elective must be taken

Select at least one of the following: 3

| | |
|-----------|--------------------------------|
| FORS 320 | Forest Environmental Economics |
| NASX 303E | Ecol Persp in Nat Amer Trad |
| NRSM 379 | Collab in Nat Res Decisions |
| NRSM 389E | Ethics Forestry & Conservation |
| NRSM 422 | Nat Res Policy/Administration |
| PTRM 482 | Wilderness & Protctd Area Mgt |

Total Hours 3

Minimum Required Grade: C-