

## Dept Fish and Wildlife Sciences Sept 2020 Information of Minors, Certificates, and Certification

Minors (18 cr)	Certificates (15-18 cr)
Aquaculture	
Ecology	Fire Ecology, Management and Technology
Environmental Communication	Tribal Natural Resource Stewardship
Fire Ecology and Management	Restoration Ecology
Fisheries Resources	Remote Sensing of the Environment
Forest Operations	GIS - Geography
Forest Resources	Climate Change - Geography
Natural Resources	
Natural Resources Conservation	
Rangeland Ecology and Management	
Renewable Materials	
Wildlife Resources	

*Note: WLF and Range worked together to develop a double major curriculum that can be completed in 4 years.*

### Professional certification

2 levels – Associate Professional (BS) and Certified Professional (BS plus experience)

#### Wildlife

<http://wildlife.org/learn/professional-development-certification/certification-programs/>

6 Credits WLF management (WLF440, WLF492)  
 6 Credits WLF biology (Ornithology, Herpetology, Mammalogy)  
 3 Credits Ecology  
 9 Credits Zoology (Bio 114, Bio115, WLF314/315, WLF371)  
 9 Credits Botany (For320, REM252/253 or REM341, Bio310, Bio 213)  
 9 Credits of Physical Science (Chem101, Soil205/206, Phys101, or Geo101, Chem275)  
 3 Credits of Statistics (Stat251)  
 6 Credits Quantitative Science (Math160, WLF448)  
 9 Credits Humanities and Social Science  
 12 Credits Communication (Eng101, Eng102, WLF370, Com101 – 1 short)  
 6 Credits Policy and Law (NRS235, Social political bin course)

#### Fisheries

<https://fisheries.org/membership/afs-certification/>

4 courses Fisheries and Aquatic Sciences (Fish314/315, Fish415, Fish418, many more)  
 30 total Credits of Biological Science (this is met)  
 15 credits Physical Science (Chem101, Chem275, Geol101, Geog100 or Phys101, For375\*)  
 6 Credits Math/Stat (Math160, Stat251)  
 9 Credits Communication (Eng102, Comm101, WLF370^)

6 Credits Human Dimensions (NRS235, NRS383)

\*1 credit short but can petition to consider Limnology

^ 1 credit short but can petition to use Limnology or other Fish courses