

NRM Curriculum of Study
BIOLOGICAL SCIENCES

Graduate Program: Natural Resources Management
Specialty Area (Option): Biotic Resources Science
Participating Academic Unit: Biological Sciences
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Requirements

- **Background:** A four year degree in the biological sciences.
- **Coursework:** 30 semester units (minimum). Complete *Master's Degree Plan of Study and Supervisory Committee* form no later than the first week of second semester.
- **Oral Exam:** Student must be enrolled during the semester of the oral examination (usually the last semester.)
- **Additional:** Refer to the section titled *Degree Requirements Checklist* in these Guidelines (pages 5-6).

Required Units		Approved Courses/Disciplines*	Units	Approved Courses/Disciplines*	Units
Specialty Area	16 or more	BOT 660 Plant Ecology	3	Advisor-approved courses from:	
		BOT 671 Phycology	3	Botany/Biology	
		BOT 672 Lichenology	3	Entomology	
		BOT 716 Agrostology	3	Natural Resources Management	
		BOT 717 Aquatic Vascular Plants	2	Plant Sciences	
		BOT 762 Environment and Adaptation	3	Range Science	
		BOT 764 Ecological Processes	3	Zoology	
		NRM 653 Rangeland Resources Watershed Management	3		
Supporting Area: Physical/Earth Resources Science	3	GEOL 612 Geomorphology	3	SOIL 610 Soils and Land Use	3
		GEOL 613 Glacial Geology	3	SOIL 633 Soil Physics	3
		GEOL 614 Hydrogeology	3	SOIL 644 Soil Genesis and Survey	3
		GEOL 628 Geochemistry	3	SOIL 647 Microclimatology	3
		GEOL 640 Quaternary Biology	4	SOIL 733 Modeling Environmental Fate and Transport	2
Supporting Area: Social Sciences	3	ECON 681 Natural Resource Economics	3	ECS 770 Environmental Law and Policy	3
		NRM 631 NEPA and Environmental Impact Assessment	2	HIST 634 History of Environmental Science	3
		NRM 632 Environmental Impact Statement	2	SOC 631 Environmental Sociology	3
Resource Analysis	3	AGEC 701 Research Philosophy	1	STAT 725 Applied Statistics	3
		BOT 764 Ecological Processes	3	ZOO 674 Fisheries Management	3
		RNG 652 GIS in Range Survey	3	ZOO 676 Wildlife Ecology Management	3
		RNG 765 Analysis of Ecosystems	3		
Research <i>Select paper or thesis</i>	2-4	NRM 797 Master's Paper			
	6-10	NRM 798 Master's Thesis			
Seminar	2	NRM 690 Graduate Seminar			

*Approved courses from the various disciplines are listed on pages 27-28.