

NRM Curriculum of Study
PLANT SCIENCES

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

- **Background:** A four-year degree in forestry, horticulture, range science, agronomy or other related biological science.
- **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	PPTH 655 Plant Disease Management	3
		BOT/RNG 716 Agrostology	3	PPTH 656 Forest and Shade Tree Pathology	3
		BOT 717 Aquatic Vascular Plants	2	PLSC 653 Advanced Weed Science	2
		BOT 762 Environment and Adaptation	3	PLSC 665 Cropping Systems: An Integrated Approach	3
		BOT 764 Ecological Processes	3	PLSC 686 Eco-Physiology of Horticultural Crops	2
		BOT 782 Regulation of Plant Growth	3	RNG 650 Range Plants	3
		ENT 731 Principles of Integrated Pest Management	3	RNG 652 GIS in Range Survey	3
		ENT 732 Plant Resistance to Insects	2	RNG 656 Range Habitat Management	3
		NRM 653 Rangeland Resources Watershed Management	3	RNG 765 Analysis of Ecosystems	3
Supporting Area: Physical/Earth Resources Science	3	GEOL 612 Geomorphology	3	SOIL 644 Soil Genesis and Survey	4
		GEOL 614 Hydrogeology	3	SOIL 647 Microclimatology	3
		SOIL 610 Soil and Land Use	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	Statistics courses (600-700 level)			
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 (required course)			

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