

Wildlife and Rangeland Science, Ph.D.

Ph.D. students must complete a total of 64 credit hours, including 15 to 24 hours of graduate-level RWSC and/or WSCI courses, 0 to 9 hours of free elective graduate courses, and up to 40 hours of dissertation research (WSCI 6999).

To graduate, Ph.D. candidates must pass an oral defense and produce a dissertation of a quality acceptable to their graduate committee. Students have up to two attempts to pass their oral defense.

Code	Title	Semester Credit Hours
Major Elective Courses		15-24 credits
WSCI Elective – Electives from graduate-level courses in rangeland and wildlife sciences. List of courses to take is under recommendation with major advisor; see list of potential doctoral course shown below.		
Free Elective Courses		0-9 credits
Free Elective – Electives from graduate-level coursework in biology, geography/GIS, animal science, wildlife and rangeland sciences, plant and soil science, ranch management, and statistics.		
Major Research		40 credits
WSCI 6999	Dissertation Research	
Dissertation research hours in WSCI program permit graduate students to remain full time enrolled while working on research project and maintain graduate research assistantship support.		
TOTAL		64 credits

List of Major Elective Course Options

Code	Title	Semester Credit Hours
WSCI 6302	Biopolitics, PR & Wildlife Law	3
WSCI 6330	Remote Sensing for Wildlife St	3
WSCI 6345	Restoration Ecology	3
WSCI 6371	Wildlife Nutrition	3
WSCI 6372	Wildlife Conservation Biol	3
WSCI 6374	Wildlife Research Methods	3
WSCI 6382	Waterfowl Ecology & Management	3
WSCI 6387	Wildlife Habitat Mgmt	3
WSCI 6390	Adv Studies Range and Nat Res	1-3
WSCI 6391	Ecosys Function and Management	3
WSCI 6394	Grazing Management	3
WSCI 6395	Probs in Range and Wldlife Mgt	1-3
WSCI 6396	Avian Community Ecology	3
WSCI 6397	Wildlife Diseases	3
WSCI 6401	Experimental Design & Analysis	4
WSCI 6402	Applied Regression Analysis	4
WSCI 6403	Practical Non-Parametric Stats	4
WSCI 6404	Applied Multivariate Analysis	4
WSCI 6381	Wildlife Population Ecology	3