

Range and Wildlife Sciences (RWSC)

RWSC 5306 Thesis 3 SCH (3)

Designed for thesis option students. The course requires completion of thesis research. Prerequisite: departmental approval. May be repeated for maximum of 6 semester hours.

RWSC 5388 Data Manag. and Visual 3 SCH (3-0)

This course is designed to familiarize students with the basic principles of data management and visualization and provide students with the skills needed to appropriately enter, manage and manipulate scientific data in Excel, Access (Included SQL) and Program R.

RWSC 5390 Adv Studies Range/Wildlife Mgt 1-3 SCH (1-3)

Material offered will be determined by the needs of the students. Laboratory and lecture will vary according to the subject needs. May be repeated under a different topic.

RWSC 5399 Research Topics 1-9 SCH (0-0-1-9)

This course is specifically designed for Plan I students. Required during the research, data analysis, and initial writing stage for students who receive a stipend and need to maintain full-time status. Course may be repeated up to 15 times.

RWSC 6378 Spatial Ecology 3 SCH (3-0-0)

All ecological interactions occur in space within a defined domain. Spatial ecology focuses on the study and modeling of the role(s) of space on ecological processes (e.g. population dynamics, species interactions, dispersal) that in turn affects ecological patterns. Course material will include the conceptual underpinning for models used by ecologists to link patterns to processes related to organism--environment relationships, and fundamental species interactions such as competition, and predation. The course will draw from population ecology, behavioral ecology, and landscape ecology. Students will gain a familiarity with common models used in spatial ecology.