who plan to enter the ranching industry. Field trips required. Not open to range or wildlife majors. F, S, SS.

3304. Principles of Range Management (3). Prerequisite: C or better in NRM 3402. Application of ecological principles in the management of rangelands for sustained livestock products consistent with conservation of the range resource. Field trips required. S.


3308. Quantitative Methods in Natural Resources (3). Prerequisite: MATH 1330. Survey of quantitative and statistical methods used in natural resource management, conservation biology, and in assessing biodiversity.

3309. Restoration Ecology (3). Case studies, literature, and hands-on experience illustrate the theory and practice of ecological restoration, including plants and animals. S, even years.

3323. Prescribed Burning (3). Prerequisite: C or better in NRM 3402. Planning, implementing and evaluating prescribed fires. S.

3325. Integrated Natural Resources Management Skills (3). Prerequisite: C or better in NRM 1300 or 1401. Develops skills in the generation and dissemination of scientific information to scientists, policy makers, and society. (Writing Intensive) F, SS.

3333. Pond Fish Management (3). Management of ponds for recreational fishing. Includes principles of pond construction, fish stocking, water quality and habitat management, and assessment of common problems. Field trips required.


4302. Range Improvements (3). Application of principles and practices necessary to enhance the productive potential of the range resource for all potential uses. Methods for brush management, revegetation, conservation, etc. are considered. Improvement for increased domestic livestock production and for enhancing wildlife habitat is emphasized. S, odd years.

4303. Rangeland Analysis and Management Planning (3). Prerequisite: C or better in NRM 3304 or NRM 4302. Analysis of rangeland resource inventories for the purpose of planning appropriate use of such resources. A familiarization with the basic components of a range resource plan and their application in decision making. S. (Writing Intensive)