

Natural Resources Assessment Plan Rev. 9/16/2018

Natural Resources	16-17	17-18	18-19	19-20	20-21	21-22
NRESB1 - Range Management						
• Upon completion the student will be able to: List and define the five major concepts of range management and list products from U.S. rangeland managed under the policy of "multiple use".				P		
• Upon completion the student will be able to: Identify the major characteristics, forage species, and location on a map of the major U.S. range types.				P		
• Upon completion the student will be able to: Compare and contrast cool season and warm season forages regarding growth and quality characteristics important to range management.				P		
• Upon completion the student will be able to: Categorize the health of rangelands given different scenarios regarding plant species composition and soil health.				P		
• Upon completion the student will be able to: Conduct a range plant inventory for grasses, shrubs, and trees and calculate stocking rates based upon those inventories.				P		
• Upon completion the student will be able to: Recommend the best grazing method given particular scenarios regarding range type, animal type, and economic limitations.				P		
• Upon completion the student will be able to: Recommend methods of improving livestock distribution on rangelands given conditions of range type, animal type, climate, and economic limitations.				P		
• Upon completion the student will be able to: Recommend methods of managing rangelands for production vs. recreational uses.				P		
• Upon completion the student will be able to: Work with other members of the class to design and implement a range rehabilitation project.				P		
NRESB2 - Parks and Outdoor Recreation						
• Upon completion of the course, the student will be able to understand the meaning and significance of outdoor recreation in America.			P			
• Upon completion the student will be able to: Analyze the cultural, sociological, educational, physiological, psychological and spiritual values of outdoor recreation.			P			
• Upon completion the student will be able to: Understand the social and economic factors affecting outdoor recreation including: population, urbanization, mobility, work and leisure time, income, education, automation and technology, and changing philosophy.			P			
• Upon completion the student will be able to: Define the roles of the federal, state and local governments in parks and outdoor recreation.			P			
• Upon completion the student will be able to: Describe principal environmental legislation including the Endangered Species act, the National Environmental Protection Act and the California Environmental Quality Act and how they affect the management of parks and outdoor recreation areas.			P			
• Upon completion the student will be able to: Describe the variety of career opportunities available in the parks and outdoor recreation field.			P			