



<b>Course Number</b> <b>Course Name</b>	ENVS 3319 Principles of Wildlife Science and Management
<b>Credit Value</b> <b>(Breakdown of theory and lab credits)</b>	3 Theory
<b>Catalog Course Description</b>	This course will cover ecological principles of the management of various groups of wildlife, the history and development of wildlife management as a science, characteristics of, and factors affecting wildlife populations, techniques and theories of management, and wildlife conservation.
<b>Course Student Learning Outcomes/Objectives /Competencies</b>	<ol style="list-style-type: none"> <li>1. Students will develop a general understanding of the basic assumptions, effectiveness, and limitations of theories and strategies used to manage wildlife populations and their habitats.</li> <li>2. Develop analytical problem-solving skills and will gain experience in data interpretation and graphical and mathematical models.</li> <li>3. Appreciate the challenges and opportunities inherent in wildlife conservation.</li> <li>4. Discuss theory and applications of population and habitat management techniques for key wildlife groups.</li> <li>5. Knowledge of base from which to operate as an effective wildlife professional.</li> <li>6. Understand current management issues and participate in wildlife data collection and analysis.</li> </ol>
<b>College-Wide Student Learning Outcomes measured (General education courses only)</b>	
<b>Program Student Learning Outcomes measured</b>	<ol style="list-style-type: none"> <li>1. Apply systems theory, concepts, and methodologies to critically analyze and understand interactions on an ecological level.</li> </ol>