

MODULE WLD3050: WILDLIFE MANAGEMENT 1 (BASIC PRINCIPLES)**Level:** Advanced**Theme:** Management and Conservation**Prerequisite:** WLD3040 Wildlife Research**Module Description:** Students describe the functions and processes of wildlife management, and identify issues that may affect the development of a wildlife management plan.**Module Parameters:** Access to government and community agencies responsible for the sustainable management of spaces and species.**Note:** This module is a prerequisite for WLD3060: Wildlife Management 2. It is recommended that students focus attention on a common theme (i.e., a space or species of particular relevance) throughout WLD3040, WLD3050 and WLD3060.**Curriculum and Assessment Standards**

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> describe the functions of wildlife management identify and explain major components of a wildlife management plan 	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> a teacher-prepared assessment in which the student demonstrates knowledge of conservation, preservation and the function of wildlife management. <p><i>Assessment Tool</i> <i>Sample Assessment Items: Wildlife Management, WLD3050–1</i></p> <p><i>Standard</i> <i>Response indicating 70% mastery</i></p>	20
	<ul style="list-style-type: none"> given information regarding a current plan for managing a wildlife space or species, identifying major components of the plan and applying each to the management of the space or species. <p><i>Assessment Tool</i> <i>Knowledge/Application Assessment: Components of Wildlife Management, WLD3050–2</i></p> <p><i>Standard</i> <i>Identify components and applications of wildlife management within the context of one space or species to a standard of 3 on the rating scale</i></p>	40

MODULE WLD3050: WILDLIFE MANAGEMENT 1 (BASIC PRINCIPLES) (continued)

Concept	Specific Learner Expectations	Notes
<p>Functions of Wildlife Management</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • describe wildlife management as a process that ensures long-term viability of spaces, species and ecosystems • explain how wildlife management involves the preservation of endangered spaces and species, and conservation of all other spaces and species • analyze relationships between wildlife research and wildlife management. 	<p>See:</p> <ul style="list-style-type: none"> • A Wildlife Policy for Canada • The Status of Wildlife in Alberta • <i>Project Wild</i> (Section 4: Management and Conservation). <p>Compare preservation with conservation.</p> <p>Examine ways of surveying the demographics of specific species:</p> <ul style="list-style-type: none"> • migratory species (international) • indigenous species (local).
<p>The Management Process</p>	<ul style="list-style-type: none"> • explain how wildlife management programs and policies are developed through political, social, economic and scientific decisions • identify and describe basic steps involved in developing a wildlife management plan; e.g.: <ul style="list-style-type: none"> – state goals and objectives – collect data and conduct research – gather government and nongovernment input – consider alternatives, consequences and potential conflicts – select a course of action – implement the action plan – monitor and evaluate outcomes – make recommendations and revisions. 	<p>Investigate current management plans:</p> <ul style="list-style-type: none"> • North American Waterfowl Management Plan • Peregrine Falcon Recovery Plan • Vermilion Lakes Area Plan • Kootenay National Park Management Plan. <p>See:</p> <ul style="list-style-type: none"> • <i>Prairie Conservation: A Landowner's Guide.</i>

MODULE WLD3050: WILDLIFE MANAGEMENT 1 (BASIC PRINCIPLES) (continued)

Concept	Specific Learner Expectations	Notes
<p>Issues in Wildlife Management</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> • analyze a variety of issues and problems affecting the management of wildlife spaces and species; e.g.: <ul style="list-style-type: none"> – preservation versus conservation – problems with an “ecosystem management” approach – political boundaries and the species/people involved – legislation versus no legislation – public perception of wildlife management – the value of wildlife – environmental impact assessment plans and legislation • explain how philosophies and goals of different wildlife management practices are sometimes incompatible with each other, and how conflicts and trade-offs may occur. 	<p>Conduct interviews with naturalists, conservationists, preservationists, wildlife managers and/or stakeholder groups (see “Guidelines for Interviewing People,” <i>Project Wild</i>, p. 436).</p> <p>Student presentations and debates.</p>