

EVSP505

STUDENT WARNING: This course syllabus is from a previous semester archive and serves only as a preparatory reference. Please use this syllabus as a reference only until the professor opens the classroom and you have access to the updated course syllabus. Please do NOT purchase any books or start any work based on this syllabus; this syllabus may NOT be the one that your individual instructor uses for a course that has not yet started. If you need to verify course textbooks, please refer to the online course description through your student portal. This syllabus is proprietary material of APUS.

Course Summary

Course : EVSP505 **Title :** Wildlife Management

Length of Course : 8

Prerequisites : N/A **Credit Hours :** 3

Description

Course Description: This course examines the principles of managing wildlife resources with emphasis on the history of wildlife resources in the United States, population ecology, wildlife values, and the administration of wildlife resources and resources agencies. Course Objectives: • Apply ecological concepts and principles to problems in wildlife management and conservation. • Discriminate between the various methods of estimating population abundance, growth, and survivorship. • Assess the habitat requirements of both common and threatened and endangered species. • Assess the role of collaborative efforts in the management of wildlife populations. • Apply the concept of ecosystem management to wildlife conservation and management activities. • Analyze regulations and issues (social, economic, ethical, and ecological) in the management and conservation of wildlife populations.

Course Scope:

As an advanced general survey course, Wildlife Management introduces the student to the major concepts, programs, and problems in the preservation and restoration of species. The focus of the course project will be to develop a species management plan.

Objectives

After successfully completing this course, you will be able to:

- LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.
- LO-2 Discriminate between the various methods of estimating population abundance, growth, and survivorship.
- LO-3 Assess the habitat requirements of both common and threatened and endangered species.
- LO-4 Assess the role of collaborative efforts in the management of wildlife populations.
- LO-5 Apply the concept of ecosystem management to wildlife conservation and management activities.
- LO-6 Analyze regulations and issues (social, economic, ethical, and ecological) in the management and conservation of wildlife populations.

Outline

Week 1: Introduction to Wildlife Management

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-4 Assess the role of collaborative efforts in the management of wildlife populations.

Readings

Mills Chapters 1-4

Lecture Notes

Leopold (1949) The Land Ethic

Assignments

Forum 1

Week 2: Population Ecology Animal Behavior

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

Readings

Mills Chapters 5-7

Lecture Notes

Jackson & Griffin (2000)

Rowland et al. (2005)

Santos et al. (2015)

Assignments

Forum 2

Assignment 1

Week 3: Wildlife Diseases Population Processes

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-2 Discriminate between the various methods of estimating population abundance, growth, and survivorship.

LO-3 Assess the habitat requirements of both common and threatened and endangered species.

Required Readings

Mills Chapters 8-10

Lecture Notes

Anderson et al. (2015)

US Fish & Wildlife Service (n.d.)

Assignments

Forum 3

Assignment 2

Week 4: Wildlife, Water, and Soil Population Models

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-2 Discriminate between the various methods of estimating population abundance, growth, and survivorship.

LO-3 Assess the habitat requirements of both common and threatened and endangered species.

Readings

Lecture Notes

Anderson et al. (2002)

Byrd et al. (2015)

Strauch et al. (2013)

Zucchini et al. (n.d.)

Zucchini et al. (2002)

WiSP Introductory example

Assignments

Forum 4

Assignment 3

Week 5: Wildlife, Farmland, and Rangeland

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-2 Discriminate between the various methods of estimating population abundance, growth, and survivorship.

LO-3 Assess the habitat requirements of both common and threatened and endangered species.

Readings

Lecture Notes

Biello (2008)

GAO (2005)

IL DNR (2007)

NRC (2013) Chapters 6

NRC (2013) Chapter 7

Assignments

Forum 5

Assignment 4

Week 6: Land Conservation Population Pressures

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-2 Discriminate between the various methods of estimating population abundance, growth, and survivorship.

LO-3 Assess the habitat requirements of both common and threatened and endangered species.

LO-5 Apply the concept of ecosystem management to wildlife conservation and management activities.

Readings

Mills Chapters 11-12

Lecture Notes

Lerner et al. (2007)

Mellinger et al. (2010)

NRC (2013) Chapter 8

NRC (2013) Chapter 9

Soto (2007)

Assignments

Forum 6

Assignment 5

Week 7: Urban Wildlife Population Management

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-3 Assess the habitat requirements of both common and threatened and endangered species.

LO-6 Analyze regulations and issues (social, economic, ethical, and ecological) in the management and conservation of wildlife populations.

Readings

Mills Chapters 13-14

Lecture Notes

Adams (2005)

Ray & Collinge (2006)

Schmidt (2007)

Singh et al. (2015)

Skelly et al. (2006)

Assignments

Forum 7

Week 8: The Future of Wildlife Management

Learning Objectives

LO-1 Apply ecological concepts and principles to problems in wildlife management and conservation.

LO-4 Assess the role of collaborative efforts in the management of wildlife populations.

Readings

Mills Epilogue

Lecture Notes

Dagan (2016)

Duda & Young (1998)

Hodgson et al. (2016)

Kamath et al. (2016)

Vantassel (2008)

Assignments

Forum 8

Final Project

Evaluation

Evaluation of Assignments:

- **Forum Participation:** Students will earn credit for engagement and participation. See the Forum Grading Rubric in the forum area of the classroom for further guidance.
- **Writing Assignments General Information:** You will be doing a significant amount of writing in this course and each assignment will require the integration of your research with your ideas and responses. For all assignments, please carefully consider the following:
 - Graduate level academic work should be developed with clear reference to scholarly, academic, peer reviewed scientific literature. Assignments submitted without reference to scholarly literature will be considered incomplete.
 - Essays should be well organized, well written, and cited appropriately. Any ideas or information that are not your own must be cited. Spend some time crafting an introduction and conclusion and make sure your essay holds together as a whole and not just a collection of undeveloped ideas.
 - Use APA format for citations and writing style in this class and throughout the Environmental Science program. There are resources available to you on APA style in the APUS Library.
- **Format of Written Assignments:** All written assignments should reflect thoughtful, comprehensive research and synthesis of academic reference materials. Written assignments should be typed, double spaced, 12-point Times New Roman font and submitted as attachments in the classroom. Students should use clear English and should present a professional tone and language in their written assignments.

Grading:

Name	Grade %
Forums	24.00 %
Forum: Week 1	3.00 %
Forum: Week 2	3.00 %
Forum: Week 3	3.00 %
Forum: Week 4	3.00 %
Forum: Week 5	3.00 %
Forum: Week 6	3.00 %
Forum: Week 7	3.00 %
Forum: Week 8	3.00 %
Assignments	52.00 %
Assignment 1 - Video Presentation	13.00 %
Assignment 2 - Life History	13.00 %
Assignment 3 - Wildlife Disease (Or Optional Climate Change)	13.00 %
Assignment 5 - Management	13.00 %
Assignment 4	9.00 %
Assignment 4 - Population Modeling Exercise	9.00 %
Final Project	15.00 %
Final Project - Species Management Plan Review	15.00 %

Materials

Book Title: Conservation of Wildlife Populations: Demography, Genetics, and Management, 2nd ed.

Author: L. Scott Mills

Publication Info: Wiley

ISBN: 9780470671498

Additional readings are identified in the Lessons tab of the course.

Additional Resources: Please go to the program guides in the APUS Library for additional resources:

Environmental Policy and Management:

http://apus.campusguides.com/environmental_policy_management?hs=a

Software Requirements

- Microsoft Office (MS Word, MS Excel, MS PowerPoint) - American Public University System provides Microsoft Office 365 to AMU/APU students and faculty at no cost
- Adobe Acrobat Reader

Course Guidelines

Citation and Reference Style

- Attention Please: Students will follow the APA Format as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the APA Format.

Tutoring

- [Tutor.com](https://www.tutor.com) offers online homework help and learning resources by connecting students to certified tutors for one-on-one help. AMU and APU students are eligible for 10 free hours* of tutoring provided by APUS. Tutors are available 24/7 unless otherwise noted. Tutor.com also has a SkillCenter Resource Library offering educational resources, worksheets, videos, websites and career help. Accessing these resources does not count against tutoring hours and is also available 24/7. Please visit the APUS Library and search for 'Tutor' to create an account.

Late Assignments

- Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. The due date for each assignment is listed under each Assignment.
- Generally speaking, late work may result in a deduction up to 15% of the grade for each day late, not to exceed 5 days.
- As a working adult I know your time is limited and often out of your control. Faculty may be more flexible if they know ahead of time of any potential late assignments.

Turn It In

- Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. This is automatically processed through the Assignments area of the course.

Academic Dishonesty

- Academic Dishonesty incorporates more than plagiarism, which is using the work of others without

citation. Academic dishonesty includes any use of content purchased or retrieved from web services such as CourseHero.com. Additionally, allowing your work to be placed on such web services is academic dishonesty, as it is enabling the dishonesty of others. The copy and pasting of content from any web page, without citation as a direct quote, is academic dishonesty. When in doubt, do not copy/paste, and always cite.

Submission Guidelines

- Some assignments may have very specific requirements for formatting (such as font, margins, etc) and submission file type (such as .docx, .pdf, etc) See the assignment instructions for details. In general, standard file types such as those associated with Microsoft Office are preferred, unless otherwise specified.

Disclaimer Statement

- Course content may vary from the outline to meet the needs of this particular group.

Communicating on the Forum

- Forums are the heart of the interaction in this course. The more engaged and lively the exchanges, the more interesting and fun the course will be. Only substantive comments will receive credit. Although there is a final posting time after which the instructor will grade comments, it is not sufficient to wait until the last day to contribute your comments/questions on the forum. The purpose of the forums is to actively participate in an on-going discussion about the assigned content.
- “Substantive” means comments that contribute something new and hopefully important to the discussion. Thus a message that simply says “I agree” is not substantive. A substantive comment contributes a new idea or perspective, a good follow-up question to a point made, offers a response to a question, provides an example or illustration of a key point, points out an inconsistency in an argument, etc.
- As a class, if we run into conflicting view points, we must respect each individual's own opinion. Hateful and hurtful comments towards other individuals, students, groups, peoples, and/or societies will not be tolerated.

University Policies

[Student Handbook](#)

- [Drop/Withdrawal policy](#)
- [Extension Requests](#)
- [Academic Probation](#)
- [Appeals](#)
- [Disability Accommodations](#)

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