

## Wildlife Management

Ex Tax: £340.00

### Technical data

Course Start:	<b>Anytime, Anywhere</b>
Course Hours:	<b>100</b>
Validating Body:	<b>Training Qualifications UK (TQUK) - An Ofqual Awarding Organisation. Qualification will be issued by TQUK</b>
Course Code:	<b>BEN205</b>
Course Prerequisite:	<b>No, start at anytime</b>
Course Qualification:	<b>Level 4 Certificate in Wildlife Management</b>
Exam Required?:	<b>Finalised with an exam/test</b>
UK Course Credits:	<b>10 Credits</b>
US Course Credit Hours:	<b>3 Credit Hours</b>
Study Support:	<b>You'll be allocated your own personal tutor/mentor who will support and mentor you throughout your whole course. Our tutors/mentors have been specifically chosen for their business expertise, qualifications and must be active within their industry. Tutors are contactable by e-mail, telephone and through our Moodle Student Support Zone online. Tutors are there to provide assistance with course material, discuss, explain and give advice and support throughout the whole programme. Their feedback is vital to your success.</b>



### Your Wildlife Management Career Begins Here!

Join our many graduates who enrolled in this most popular course and gone onto to being Wildlife Managers.

This course establishes sound Wildlife Management skills, practices and knowledge.

More importantly the course will help you develop problem solving skills that are

respected by employers but, not often found by other graduates on competency based courses.



This course has been endorsed by TQUK. Endorsement of our courses by TQUK sets them apart from other vocational learning programmes and is an achievement to be proud of. It further demonstrates that we are an efficient academy with excellent courses and tutorial support. It also means that potential and existing students, employers and universities can be sure of the true value of the learning we provide.

#### **What Can Wildlife Management Do For You?**

This course will give you a very solid foundation in the principals of Wildlife Management and also, help you to develop your practical skills.

#### **What You Will Learn From Wildlife Management?**

To develop your understanding of the principals and importance of Wildlife Management to the environment

To recognise the importance of Ecology

To understand Wildlife Habitats

To comprehend and understand the dynamics of population

To determine how Carrying Capacity effects wildlife and what it is and how it effects population

To identify and implement Wildlife Censuses

To apply the principals of Wild Life Management Techniques

To understand Wildlife Management Law and Administration

To produce a Wildlife Management Case Study Research Project

This Wildlife Management online distance learning course is a must course for anyone who wishes to work to conserve wildlife whether it's in the wild, in zoos or working with breeding programs. Wildlife management is the manipulation of wild animal populations and their habitats for the benefit of both humans and wildlife. Wildlife management includes running parks and reserves, altering and rehabilitating wildlife habitats, pest control, protecting human life and property and managing harvests of wildlife.

The Academy for Distance Learning has a history of supporting wildlife projects. The world renowned Conservationist David Youldon, Chief Operating Officer of AFRICA NEEDS LIONS [www.lionalert.org](http://www.lionalert.org), completed our Advanced Certificate in Wildlife Management and with previous qualifications, went on to study a Masters in Biodiversity, Wildlife and Ecosystem Health at Edinburgh University. He was also accepted for a short course in Data Analysis in Ecology at the University of Oxford.

Currently we have the Primate Naturalist: Karin Saks, studying our Primatology course. Karin has been fostering and rehabilitating orphan baboons, caring for injured monkeys returned to the wild, plus promoting a harmonious co-existence between primates and humans since 1997. She also founded The Darwin Primate Group as a non-profit organisation in 2008 and in 2014, moved to Kwazulu Natal to research the endangered samango monkey populations in the Midlands.

**As you can see, our courses are highly respected by conservationists actually working in the field to help save the wildlife of our world, so you really can trust ADL to help you develop the knowledge and skills you need, to get involved in the environmental welfare of animals.**

**Previous student comment:**

*" Hello!*

*I'm currently studying the module Wildlife Management and*

*I'm so glad I found ADL, since their style of education evolves around PBL (Problem based Learning), which is a learning method that really suits me.*

*The contents of the module are very interesting and thought-provoking. I just love it! I'm nearly finishing it. My next module would be... Primatology? or...Nature Park Management? They are all so fascinating!*

*BTW, my tutor is great and very inspiring, always available to answer my queries.*

*ADL is the answer. Go for it!" **Lidia, Wildlife Management, UK***

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## **Lesson Structure: Wildlife Management BEN205**

There are 9 lessons:

- **Introduction to Wildlife Management**

- What is Wildlife Management
- Approaches to Wildlife Management (Preservation, Conservation, Management)
- Purpose of Wildlife Management
- Goals
- Decision Making (Who makes decisions, Making good decisions)
- Needs of Wildlife
- What's a Good Habitat
- Limiting factor
- Carrying capacity
- Landscape Fragmentation
- Habitat Diversity
- Arrangement
- Biological Control
- Integrated Pest Management

- **Wildlife Ecology**

- Ecology (Mutualism, Commensalisms, Competition, Predation, parasitism, herbivoury)
- Behavioural Ecology
- Population Ecology
- Community Ecology

- ▷ Ecosystem Ecology
- ▷ Interactions within a Community
- ▷ Competition
- ▷ Predation
- ▷ Parasitism
- ▷ Commensalism
- ▷ Mutualism
- ▷ The Food Web (Derital Web,
- ▷ Grazing Web, Trophic Levels)
- ▷ Energy Flow
- ▷ Imbalances
- **Wildlife Habitats**
  - ▷ Introduction
  - ▷ Classification of Habitats
  - ▷ Biomes, Ecosystems, Microclimates
  - ▷ Timbered Biomes (Boreal Forest/ Taiga, Temperate Forest, Tropical Forest, Woodland)
  - ▷ Scrubland
  - ▷ Tropical Savannah
  - ▷ Temperate Grassland
  - ▷ Artic Tundra
  - ▷ Alpine
  - ▷ Semi-desert
  - ▷ Desert
  - ▷ Man Made Biomes (Urban, Agricultural)
  - ▷ Wet Biomes (Mangrove, Rivers, Benthos, Pelagic, Continental Shelf, Coral Reef,
  - ▷ Animal Use of Features in Biomes (Trees, Logs, Surface Rocks and Ground Cover, Creeks, Wetlands and Dams)
  - ▷ Case Studies
  - ▷ Changes to Habitats (Physical, Biological, Pollution)
  - ▷ Water for Wildlife
  - ▷ Siting Water Points
  - ▷ Managing Trees
  - ▷ Deforestation
  - ▷ Afforestation
- **Population Dynamics**
  - ▷ Populations
  - ▷ Birth or Fecundity Rate
  - ▷ Death or Mortality Rate
  - ▷ Growth Rate

- Life Tables
- Cohort or Dynamic Life Tables (Age Specific)
- Static or Time Specific Life Tables
- Rodents
- Squirrels
- Rabbits
- Mosquitoes
- Grasshoppers
- Case Studies of different animals in different countries
- **Carrying Capacity**
  - Introduction
  - Exponential Population Growth
  - What is Carrying Capacity
  - Fisheries stock management (stock Identification, assessment, biomass)
  - Stock Management Methods
- **Wildlife Censuses**
  - Introduction and census types
  - Total Counts
  - Sampling (Simple Random, Stratified Random, Systemic, Two Stage, Double sampling)
  - Accuracy vs Precision
  - Bias Errors
  - Aerial Surveys
  - Trapping
  - Transects
  - Indirect Methods
  - Mark-Recapture method
  - Roadside and Call Counts
  - Mapping
  - Sampling methods for specific types of animals (ie. Fish, Amphibians, Reptiles, Birds, Invertebrates, Mammals etc.)
  - Animal Ethics
  - Case Study
- **Wildlife Management Techniques**
  - Habitat Modification
  - Fire
  - Vegetation Management
  - Predator Control
  - Habitat Features
  - Seeding

- Population Monitoring
- Captive Breeding and Release
- Culling and Cropping
- Control of pest or undesirable wildlife species
- Control Objectives
- Effects of Control
- Control Techniques (Manipulating mortality, fertility, Genetic Engineering, indirect methods)
- **Wildlife Management Law and Administration**
  - Policy and Wildlife Law
  - International Environmental Law
  - Treaties
  - International Customary Laws
  - Hard vs Soft Law
  - Domestic/National Law
  - Evolving Domestic Law
  - Sources of Legislation
  - Environmental Ethics
  - Enforcement
- **Wildlife Management Case Study Research Project**
  - Problem Based Learning Project with following aims:
    - Identify the objectives of a management program for an endangered species.
    - Determine appropriate techniques for carrying out a census of an endangered species.
    - Identify techniques for increasing the population of the endangered species.
    - Identify pest species and their undesirable effect on the endangered species of bird.
    - Identify techniques for reducing the undesirable impacts of the pest species on the endangered bird.
    - Present a management plan in a form that is appropriate for use by wildlife workers.

**Please Note:** Each lesson culminates in an assignment which is submitted to the school, marked by the school's tutors and returned to you with any relevant suggestions, comments, and if necessary, extra reading.

### **Learning Goals: Wildlife Management BEN205**

- Develop a concept of how man manages wildlife populations in different situations around the world.
- Understand and discuss the principles of wildlife ecology.
- Understand wildlife habitats and their importance to managing wildlife.
- Explain how populations of any one species change and adapt to variations in their environment.
- Understand carrying capacity and its importance in managing wildlife populations.
- Explain a range of different methods used to determine the number of individuals in a wildlife population.

- Discuss a range of different wildlife management techniques.
- To understand the potentials and limitations of legal and administrative initiatives, in the pursuance of more effective wildlife management.
- Examine a specific wildlife management case of interest to the student.

### **Practicals:**

- Contact (either in person, email or by telephone) an organisation involved in wildlife management such as a National Park, wildlife reserve, zoo, etc to research their wildlife management program.
- In your locality, find out about one pest species of wildlife and one endangered or threatened species of native wildlife. Research what happened to make these animals pests or endangered.
- Visit a natural area in your locality and observe the organisms in the area and their interactions with each other and the environment.
- Explain what trophic levels are and how energy flows between them.
- Define habitat, biome, vegetation formation and feeding radius.
- Visit a zoo, wildlife park, game reserve, pet shop, fauna sanctuary or other place where wild animals are kept in captivity to observe the animals in their captive surroundings and compare these with their native surroundings.
- Identify a predator-prey relationship between two species in a local ecosystem and make predictions about changes to this relationship.
- Research the difference between r and K strategists in animals.
- Design a wildlife survey using a suitable sampling technique. Write this survey up as a mini scientific report containing an Abstract/Project Summary, Methods and materials section, Results/Discussion and Conclusion.
- Research the success of one wildlife program where wildlife have been bred in captivity and then released.
- Draw up a table that lists the advantages and disadvantages of allowing hunting to proceed in game parks where the animals being hunted are native to the area.
- Telephone or contact a wildlife management agency in your area to determine the relevant local, regional, national and international laws that apply to wildlife in your locality.
- Prepare a report of no less than 1000 words on a population of animals surveyed during the course.
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### **Who Employs Wildlife Managers?**

There are many opportunities for Wildlife Managers in the public or the private sector industries. Governments usually provide the largest employment opportunities in this field of work. In recent years however, there has been an increase in private agencies. Employers may include the following but not necessary limited to this list:

- Sanctuaries or reserves where animals are of prime concern
- Organisations whose specialise in Conservation
- Companies who undertake land reclamation
- Government agencies such as municipals, local councils and national governments
- Consulting firms either private or government

### **Be Taught by Experts**

The courses at ADL are very distinctive with an emphasis on acquiring practical skills and knowledge and are written by industry experts. The course content is industry relevant globally and locally and, up-to-date. You receive unlimited tutor support. tutors are only a phone call or email away.

### **Career and Job Opportunitites May Include:**

Wildlife Management Jobs encompass: organising surveys either for wildlife or ecological purposes, as a ranger located in the countryside, keeping track of the movements of wildlife habitats and their populations, seeing that animals are protected from man-made distasters, such as the cutting down of forests, land reclamation for housing developments etc., treatment of sick or injured animals, ornithologist, game keeping, zookeeper, and zoologist. These are but a few examples of the job opportunities that exist in this fast and expanding industry.

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Photo: Fransje van Riel



Karin Saks with orphan Spud

## **Karin Saks - primate naturalist:**

Since 1997, Karin Saks has been involved in the fostering and rehabilitation of orphan baboons, the caring of injured monkeys who have been returned to the wild and has worked towards a harmonious co-existence between these primates and humans. She has monitored wild baboon troops who raid human homes to research ways of baboon management and has observed wild troops in her area with a view to finding out damage done to troop structures and numbers because of human intervention. Due to legislation that allows for the persecution of vervet monkeys and baboons in South Africa, hundreds of orphaned primates currently reside in rehabilitation centres without much chance of being released back into the wild. The primate pet trade is also on the increase due to the amount of infants orphaned when mothers are killed. Educating the public on how to live harmoniously with these primates and appealing for new protective legislation - that is actively enforced - are crucial aspects to finding solutions.

**The Darwin Primate Group - registered NPO 059-587:** Like many who take on the task of rescuing these persecuted animals, Karin self funded her work until 2008 when she founded the Darwin Primate Group and registered it as a non-profit organization.

**Research into endangered samango monkey (*Cercopithecus mitis labiatus*) populations:** In 2014, Karin moved to Kwazulu Natal where she is researching the endangered samango monkey (*Cercopithecus mitis labiatus*) populations in the Midlands. (She is no longer working directly with rescued baboons or vervet monkeys.) As the samango monkey is restricted to forest habitat and is a seed dispersing species, it is listed as Vulnerable in the Red Data Book of the Mammals of South Africa (2004) with samango subspecies - *C. m. labiatus* - occurring on the IUCN (2007) Endangered list making research into populations necessary to identify if management and further protection is needed.

You are welcome to watch her online video: [Co-existing Peacefully With Baboons/Monkeys](#) and read her [Blogspot on the Samango Monkey Project](#). If you want to support Karin in her work financially or practically, please contact us and we will happily pass your details on.

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## Wildlife Art



Purchase astonishing wildlife prints by one of the worlds most accomplished

wildlife artist, **Chris McClelland**.

His works are internationally recognised for their fine graphite and coloured pencil drawings.

Chris has a strong passion for the wildlife of Africa and Australia.

His artwork captures the movement of wildlife that is so captivating with a skill and precision

that make his animals come alive. Chris and his wife Maggie (a

respected and accomplished photographer in her own right), held an exhibition recently of their work in Canterbury, England. Please read the article on our Blog titled [Wildlife Art](#) to find out more about this outstanding artist and his love for all things wildlife. To see this unique art please visit his website at:

[www.wildprints.com.au](http://www.wildprints.com.au)

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