

Wildlife Management Course



Module # 1 – Principles of Wildlife Management

Component # 1 – The science of wildlife management

Module # 2 – Habitat Management

Component # 1 – Habitat characteristics
Component # 2 – Habitat and game assessment
Component # 3 – Grazing management
Component # 4 – Bush encroachment and fires

Module # 3 – Game Management

Component # 1 – Suitable game species
Component # 2 – Managing wildlife
Component # 3 – Animal population dynamics
Component # 4 – Sustainable utilisation of wildlife

Module # 4 – Game Capture and Translocation

Component # 1 – Game capture → Part A
Component # 2 – Game capture → Part B
Component # 3 – Game in temporary captivity
Component # 4 – Game translocation
Component # 5 – Game counts

Module # 5 – Nutritional Physiology for Herbivores

Component # 1 – Anatomy and physiology
Component # 2 – Nutritional value of plants

Module # 6 – Nutritional Chemistry for Herbivores

Component # 1 – Plant chemicals and toxins
Component # 2 – Management of toxic plants & affected game
Component # 3 – Grazing capacity and Energy balance

Module # 7 – Wildlife Nutrition

Component # 1 – Mineral deficiencies
Component # 2 – Medicinal licks & supplementary feeding
Component # 3 – Nutrition in captivity

Module # 8 – Wildlife Diseases

- Component # 1 – General principles in disease
- Component # 2 – Bacterial diseases
- Component # 3 – Viral diseases
- Component # 4 – Protozoal diseases

Module # 9 – Wildlife Parasites

- Component # 1 – Epidemiology and specific parasites
- Component # 2 – General biology and Control

Module # 10 – Toxic Plants

- Component # 1 – Specific toxic species
- Component # 2 – Wildlife and toxic plants

Module # 11 - Soil

- Component # 1 – What is soil ?
- Component # 2 – Soil forming processes and factors
- Component # 3 – Soil erosion

Module # 12 – Assessing Vegetation

- Component # 1 – The study area
- Component # 2 – Classifying plant communities
- Component # 3 – Calculating plant biomass
- Component # 4 – Assessing veld condition

Module # 13 – Determining Carrying Capacity

- Component # 1 – Grazing capacity
- Component # 2 – Browsing capacity
- Component # 3 – Ecological capacity
- Component # 4 – Monitoring populations and stocking rates

Module # 14 – Game Reserve Management

- Component # 1 – The wildlife management plan