

VERTEBRATE ZOOLOGY

Develop an understanding of “higher” animals’ Zoology and Evolution, together with principles on animal ecology and morphology.

Duration: 100 hours (you study at your own pace)

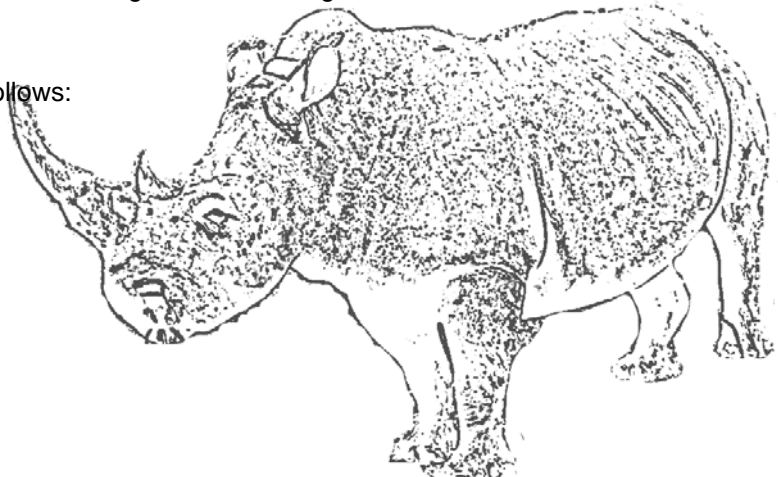
Course Aims

- Distinguish between major groups of vertebrates through a demonstrated understanding of their taxonomic classification and diversity.
- Describe the distinguishing characteristics of all major groups of fishes.
- Describe distinguishing characteristics of major Ectotherms, Amphibians and Reptiles.
- Describe distinguishing characteristics of major groups of birds
- Differentiate all major groups of Mammals.
- Describe the distinguishing characteristics of animals in the order Marsupialia and compare mammalian specialisations with those of other vertebrates.
- Describe the distinguishing characteristics of animals within the grandorders Glires and Insectivora.
- Explain Ectothermy in a variety of different animals.
- Describe characteristics of animals within the order Carnivora.
- Describe significant characteristics within the grand orders Ungulata and Archonta.

Course Structure

The course is divided into ten lessons as follows:

1. Vertebrate Taxonomy and Diversity
2. Fishes
3. Ectotherms: Amphibians and Reptiles
4. Birds
5. Overview of Mammals
6. Marsupials
7. Mammalian Glires and Insectivora
8. Carnivores
9. Hooved Mammals: Ungulata
10. Primates and other Archonta



Tutors include:

Peter Douglas - Former manager of Lone Pine Koala Sanctuary & Dreamworld Wildlife Park

Dr Robert Browne - Former lecturer university of Newcastle, Research Associate Perth Zoo, Diverse experience in Zoology over 20 yrs, widely published.

Dr Jim Euclid PhD. - Practicing veterinary Surgeon, Alison Tranter former course manager Equine Science Degree, Warwickshire College, UK.

Services

*Personal Contact is **not limited***; real people to talk to if needed 5 days a week

Experts – access internationally renowned experts

Networking with other students.

Extensive Added Support including

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