



REPTILE ZOOLOGY



Certificate in Reptile Zoology

Explore the world of herpetology through Reptile Zoology

Take the first step into your career as a herpetologist by studying the fundamentals of reptiles and amphibians. Gain a greater understanding of reptile and amphibian biology, behaviour and classification. Learn about their specific ecological characteristics and the many conservation issues they are facing.

For beginners, this course will provide you comprehensive knowledge on how to care for them at home and in other environments. Upon obtaining this certificate, you can also pursue a career within animal impound centres, animal protection agencies (e.g. RSPCA), animal hospitals, wildlife management and animal day-care businesses.

Did you know?

Herpetologists may need to chop firewood, navigate rough terrain, carry heavy packs or equipment long distances, or perform other activities associated with life in remote areas.



ABOUT US

Courses4me is a new age online education company, with decades of experience in both the public and private education space. Our founders have a combined 27 years' experience in education and training and have come together to provide quality and affordable education for everyone that is looking to upskill.

Our network of partners and education providers now spreads across Australia, New Zealand and the UK. We offer hundreds of courses in a vast array of industries. From an introductory certificate to advanced courses and bespoke programs, students will receive the recognition, skills and industry insights to hit the ground running with confidence.

Endorsement

Courses4me has established a high level of respect in academic circles within a range of disciplines in Australia and beyond.

The courses are fully endorsed by The International Approval and Registration Centre (IARC) – a dynamic, non-profit association with head quarter and administration centre in Queensland, Australia.



Quality for Excellence in Education

www.iarcedu.com

COURSE OVERVIEW



Duration / Study Method

The course will take approximately 200 hrs to complete.

The course is done completely online in your own time and from the comfort of your home. We offer self-paced learning and direct tutor support for each individual student.



Payment Methods

Course Fee: \$2,600 + GST

Pay for the course upfront and receive a discount or set up an interest free payment plan today from only \$25 per week.



Assessments

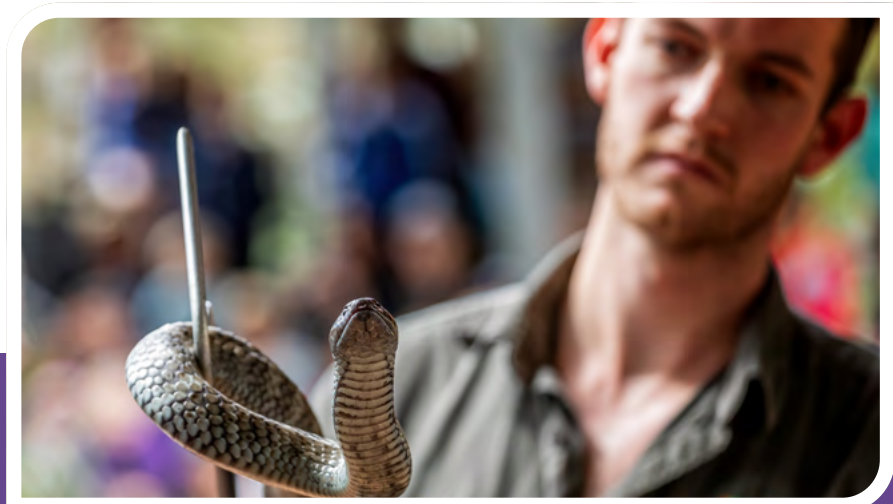
Includes case studies, quizzes and written assessments, that are marked with personalised feedback.

Problem based learning projects working one on one with your tutor.



Support

All students have unlimited access to their very own professional tutor over the phone or via email.





CAREER OPPORTUNITIES

By earning this certificate, learners can confidently seek rewarding employment in various organisations, either as a/an:

- ✓ Zoologist
- ✓ Zookeeper
- ✓ Researcher
- ✓ Animal hospital staff



NO PRIOR EXPERIENCE OR
CERTIFICATION NEEDED



FLEXIBLE PAYMENT PLAN
(FROM \$25 PER WEEK)



LEARN REPTILE ZOOLOGY
ONLINE – ANYWHERE ANYTIME



Core modules

1 Introduction to Herpetology

- Herpetology Defined
- Introduction to Reptiles
- Animal Taxonomy
- Classification of Reptiles
- Characteristics of Reptiles
- Testudine Characteristics (Turtles)
- Squamata Characteristics (Snakes and Lizards)
- Rhynchocephalia Characteristics (Tuatara)
- Classification of Amphibians
- Amphibian Characteristics
- Building Resources and Developing Networks
- Terminology

2 Class Reptilia (Reptiles)

- Reptile Classification
- Water Conservation
- Reproduction
- Order Chelonia (Testudines); Turtles
- Order Crocodylia; Crocodylians
- Order Squamata
- Scaled Reptiles; Lizards (Suborder Sauria) and Snakes (Suborder Serpentes)



3 Reptile Biology

- Reptile Anatomy
- Skeleton
- Scales and Skutes
- Ectothermal Regulation
- Coloration
- Respiration and Metabolism
- Food and Digestion
- Senses
- Locomotion
- Class Amphibia (Amphibians)
- Order Anura (Frogs and Toads)
- Order Apoda (Caecilians)
- Order Urodela (Salamanders and Newts)

4 Amphibian Biology

- Amphibian Skeleton
- Skin
- Ectothermal Regulation
- Colouration
- Respiration and Metabolism
- Branchial
- Buccopharyngeal
- Cutaneous
- Pulmonic
- Food and Digestion
- Senses
- Locomotion
- Reproduction

5 Ecology of Reptiles

- Species Richness
- Constriction
- Injected Venom
- Inertia Feeding
- Biting and Grasping
- Suction Feeding
- Reproductive Strategies
- Viviparity
- Oviparity
- Nest Building
- Habitat Use: Aquatic and Terrestrial
- Basking
- Hibernation



6 Ecology of Amphibians

- Use of Habitat
- Temperature Relationships
- Feeding
- Vocal Communication: Advertisement calls, Territorial calls, Release calls, Distress calls
- Social Behaviour
- Dealing with Predators
- Reproduction and Parental Care

7 Conservation Issues

- Habitat Change
- Edge Effects
- Pollution; especially Water Pollution
- Environmental Acidification (Acid Rain)
- Pesticides
- Endocrine Disrupting Chemicals
- Spread of Disease
- Invasive Species
- Climate Change
- Spread of Disease
- Disease in Wild Populations
- Trade in Reptiles and Amphibians
- Conservation
- Conservation Genetics
- Endocrine Disrupting Chemicals

8 Keeping Reptiles and Amphibians

- Introduction
- Legal Issues
- Special Conditions for Amphibians
- Special Conditions for Reptiles
- Preventing Spread of Disease from Reptiles to Humans
- Housing
- Reptile Captivity Problems
- Reptile Feed and Feeding
- Amphibians and Reptile Species that are in Captivity
- Feeding Amphibians
- General Care
- Common Ailments in Reptiles and Amphibians
- Parasitic Diseases
- Fungal Diseases
- Viral Diseases
- Metabolic Bone Disease
- Thiamine Deficiency

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