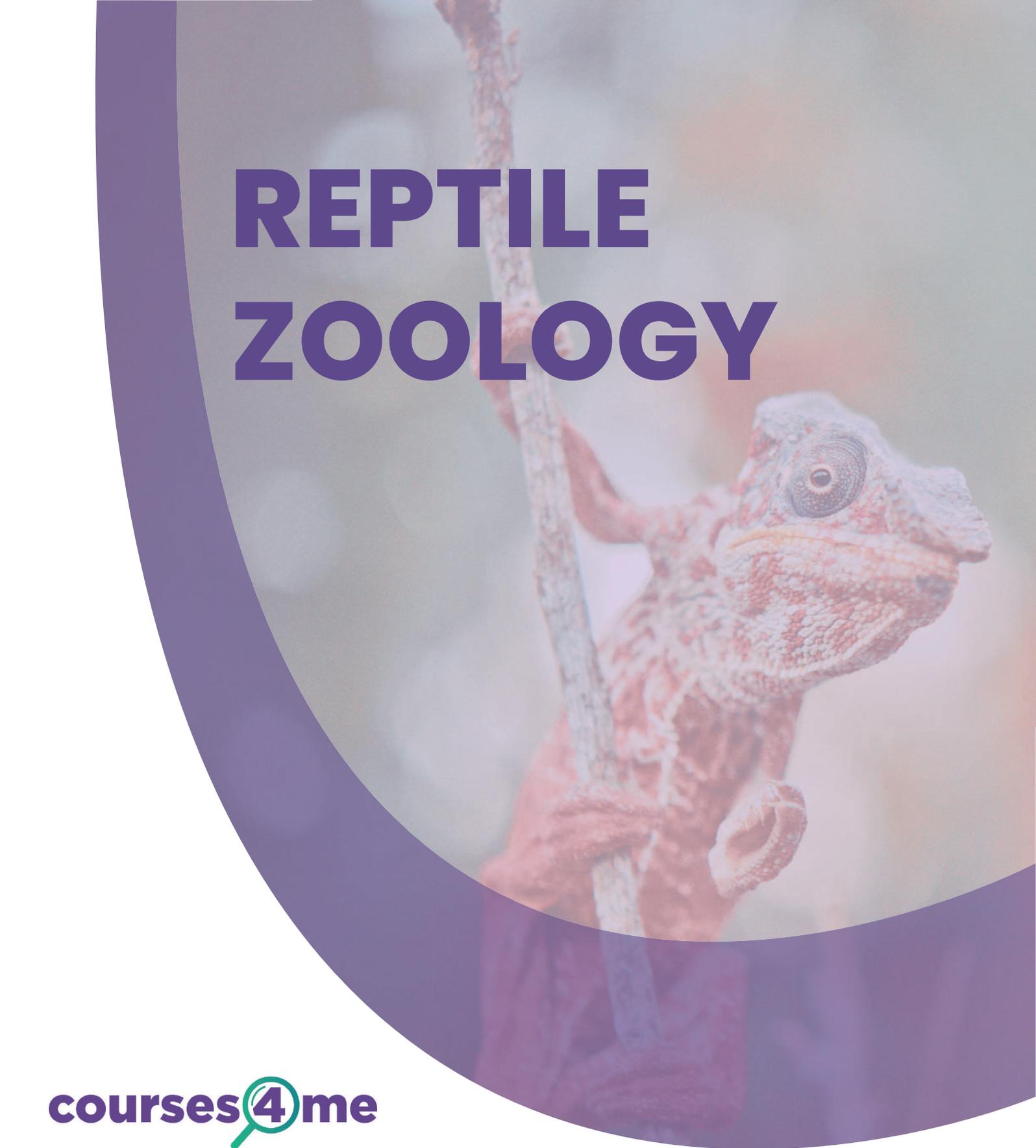


# REPTILE ZOOLOGY



**courses****me**

Would you like to speak to one of our course advisors for further information?

[info@courses4me.com.au](mailto:info@courses4me.com.au)  
[www.courses4me.com.au](http://www.courses4me.com.au)

1300 100 008



## 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 the leader in online education with decades of experience in both public and private education. Our founders have a combined 30 years of expertise in education and training and have joined forces to deliver high-quality, low-cost education to anyone wishing to advance their career.



**Accredited by**  **ICOES**  
International Accreditation

We are proud to announce that all our courses at Courses4Me are accredited by the International Council for Online Educational Standards (ICOES), a respected global organisation dedicated to ensuring the quality of online education. This prestigious accreditation signifies that Courses4Me has met the rigorous standards set by ICOES, solidifying our reputation for delivering excellence in online education worldwide. We are committed to providing high-quality courses and look forward to welcoming students from around the globe to our accredited programs.

**Endorsement from**  **IARC** | *Quality for Excellence in Education*

All online courses offered by Courses4me are fully endorsed by the International Approval and Registration Centre (IARC), a quality control system for education programs and courses in international education. Based in Queensland, Australia, the IARC's Committee Board of accomplished education professionals work to endorse quality education courses in the international market. The IARC endorsement ensures that Courses4me maintains a high level of respect in academic circles within a range of disciplines in Australia and beyond.

# 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

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



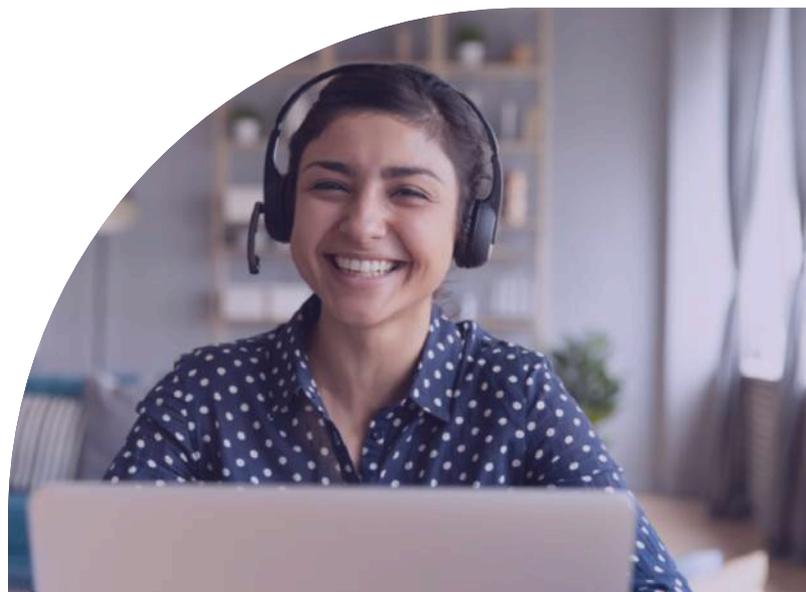
## Assessments

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

\* some career outcomes may require further training and/or qualifications



ACCREDITED BY ICOES AND  
FULLY ENDORSED BY IARC



NO PRIOR EXPERIENCE OR  
CERTIFICATION NEEDED



FLEXIBLE PAYMENT PLAN  
(FROM \$25 PER WEEK)



100% ONLINE, SELF-PACED  
LEARNING COURSES



# 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)
- Organic farming
- Permaculture
- No Dig techniques
- Biodynamics

## 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)

# Core Modules

## 4. Amphibian Biology

- Amphibian Skeleton
- Skin
- Ectothermal Regulation
- Colouration
- Respiration and Metabolism
- Branchial
- Buccopharyngea
- 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

## 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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