



FONDAZIONE GUIDO BERNARDINI  
BETTER EDUCATION FOR BETTER SCIENCE



Utrecht University



## HERPETHOLOGY

Utrecht University, NL

8 October and 4 & 5 November, 2020

The first day will focus on the zoological aspects; the diversity, the anatomy and physiology of several organ systems as well as evolutionary and developmental topics will be discussed. The aim is to provide a good overview of amphibian and reptile biology. At the end of the day you will be able to describe the anatomy and important physiological processes of reptiles and amphibians in the wild and captive.

During the second day, herpetology experts will teach you specialised skills and husbandry related to these animals. Anesthesia, chemical restraint and pain management will be central topics. Dedicated expert pathologists and clinicians will give you pathophysiologic insights into the diseases of reptiles and amphibians. You will be able to gain an increased understanding of the gross lesions, clinical signs, pathogenetic mechanisms and differential diagnosis for a wide range of diseases. Legal aspects and policy matters will be included.

### **Location**

Faculty of Veterinary Medicine, Utrecht University, Utrecht Science Park - with the option to follow the course via distant learning.

### **Extra information**

The course is organised at the Faculty of Veterinary Medicine in Utrecht and can also be attended online via distance learning.

Language of instruction is English.

Participants receive a certificate (comprising of 14 PE-points) after completion of the whole course.

### **Course content**

The first day will focus on the zoological aspects of herpetology, in which the diversity, the anatomy and physiology of several organ systems as well as evolutionary and developmental topics will be discussed. The aim is to provide a good overview of amphibian and reptile biology. At the end of the day you will be able to describe the anatomy and important physiological processes and the diversity of reptiles and amphibians in the wild and captive care.

During the second and third day, herpetology experts will teach you specialised skills, care and husbandry related to reptiles. Anesthesia, chemical restraint and pain management will be central topics. Dedicated pathologists and clinicians will give you gross pathology and pathophysiological insights into the diseases of reptiles. You will be able to gain an increased understanding of the gross lesions, as well as the presenting clinical signs, pathogenetic mechanisms as well as the appropriate differential diagnosis for a wide range of diseases. Legal aspects and policy matters will be included.

## Lecturers and Experts reptiles and amphibians

**Prof. Dr. Daniela Salvatori, DVM, PhD, Dipl ECVP**

**Dr. Claudia Wolschrijn, DVM, PhD**

**Myrte Huijskes, MSc**

**Jacobine Schouten, MSc**

**Experts reptiles and amphibians**

**Dr. Marja Kik, DVM, PhD, Dipl. European Vet Specialist Herpetological  
Medicine and Surgery**

**Dr. Ineke Westerhof, DVM, PhD**

**Job Stumpel, DVM**

## Thursday October 8, 2020

<b>Welcome with coffee</b>	08:30 - 09:00
<b>Short introduction into the course and introductions participants</b>	09:00 - 09:30
<b>Diversity and Evolution of reptiles and amphibians (lecture)</b>	09:30 - 10:15
<b>Introduction group assignments</b>	10:15 - 10:30
Coffee break	10:30 - 10:45
<b>Group assignments</b>	10:45 - 12:30
Lunch break	12:30 - 13:00
<b>Anatomical practical</b>	13:00 - 15:00
Coffee break	15:00 - 15:15
<b>Discussion group assignments</b>	15:15 - 16:45
<b>Guest lecture</b>	16:45 - 17:15
<b>Day closure and drinks</b>	17:15 - 18:00

## Wednesday November 4, 2020

<b>Welcome with coffee (walk in time)</b>	08:30 - 09:00
<b>Short introduction and overview day 2</b>	09:00 - 09:15
<b>Care and husbandry 1</b>	09:15 - 11:15
<b>Coffee break</b>	11:15 - 11:30
<b>Care and husbandry 2</b>	11:30 - 13:00
<b>Lunch break</b>	13:00 - 13:30
<b>Care and husbandry 3</b>	13:30 - 15:30
<b>Coffee break</b>	15:30 - 15:45
<b>Common diseases / pathology</b>	15:45 - 17:45
<b>Day closure and drinks</b>	17:45 - 18:30

## Wednesday November 5, 2020

<b>Welcome with coffee (walk in time)</b>	08:30 - 09:00
<b>Short introduction and overview day 3</b>	09:00 - 09:15
<b>Theory and practical handling</b>	09:15 - 11:45
<b>Coffee break</b>	11:45 - 12:00
<b>Anaesthesia, analgesia 1</b>	12:00 - 13:00
<b>Lunch break</b>	13:00 - 13:30
<b>Anaesthesia, analgesia 2</b>	13:30 - 14:30
<b>Legal aspects</b>	14:30 - 15:00
<b>Coffee break</b>	15:00 - 15:15
<b>Discussion of cases</b>	15:15 - 18:15
<b>Day closure, certificates and drinks</b>	18:15 - 19:00