**Zoology of reptiles and amphibians (programme day 1)**

In this first part of the herpetology course we will focus on the diversity, anatomy and physiology of reptiles and amphibians and highlight their relevance to clinical practice

The focus will be on the following topics:

* Diversity and evolution
* Thermoregulation and metabolism
* Excretion and fluid balance
* Circulation and respiration
* Reproduction, development and metamorphosis.

The day will start with a short introduction of the course. The first subject, diversity and evolution will be discussed in an interactive lecture. After this lecture the participants will be divided in small groups which will all receive specific assignment to work out in the second half of the morning. At the end of the day each group will present and explain their assignment to the other participants and instructors.

All participants will study hands on anatomy of reptiles and amphibians. A large collection of different species including several fresh and plastinated specimens will be available. At the end of the day all participants will receive a syllabus with relevant information regarding the discussed subjects.

**Day planning herpetology part 1:**

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| --- | --- |
| **Time** | **Activity**  |
| 08:30 – 09:00 | Welcome with coffee  |
| 09:00 – 09:30 | Short introduction into the course and introductions participants |
| 09:30 – 10:15 | Diversity and Evolution of reptiles and amphibians (lecture) |
| 10:15 – 10:30 | Introduction group assignments  |
| 10:30 – 10:45 | **Coffee break**  |
| 10:45 – 12:30 | Group assignments  |
| 12:30 - 13:00  | **Lunch break**  |
| 13:00 – 15:00 | Anatomical practical  |
| 15:00 – 15:15 | **Coffee break** |
| 15:15 – 16:45 | Discussion group assignments |
| 16:45 – 17:15 | Guest lecture to be decided |
| 17:15 – 18:00 | Day closure and drinks |

**Herpetology: clinical part (programme day 2)**

In this second part of the herpetology course we will focus on clinical and practical aspects.

The following subjects will be discussed:

* Care and husbandry
* Anaesthesia and Analgesia.
* Handling and venipuncture
* Legal aspects and policies
* Pathology and treatment of common diseases

Participants are encouraged to send in their own cases beforehand to be discussed. Take contact with your email!

**Day planning herpetology day 2\*:**

|  |  |
| --- | --- |
| **Time** | **Activity**  |
| 08:30 – 09:00 | Welcome with coffee (walk in time) |
| 09:00 – 09:15 | Short introduction and overview day 2 |
| 09:15 – 10:00 | Care and husbandry |
| 10:00 – 10:45 | Anaesthesia, analgesia and venipuncture |
| 10:45 – 11:00 | **Coffee break**  |
| 11:00 – 12:30 | Handling and clinical examination |
| 12:30 - 13:00  | **Lunch break**  |
| 13:00 – 14:00 | Legal and regulatory aspects  |
| 14:00 – 15:00 | Common diseases / pathology |
| 15:00 – 15:15 | **Coffee break** |
| 15:15 – 17:00 | Discussion of cases |
| 17:00– 18:00 | Day closure, certificates and drinks |

\*Minor changes to the program may occur