



### Initial competences

The anatomical basis to understand the evolution in primates and man partially relies on the knowledge on vertebrate morphology, obtained from the course "Vertebrates: histology and comparative anatomy" (Bachelor 2 Biology). Even though the a priori knowledge of morphological aspects is an advantage, it is not required for this course as sufficient time is spent to clarify morphological traits and features of vertebrate morphology. Depending on the student's bachelor education, an introductory class will be given on mammalian morphology.

### Final competences

- 1 Students are well familiar with the overall trends that characterize the evolution of primates and man.
- 2 Students can identify anatomical traits that characterise primates and human evolution, and put them within an evolutionary context.
- 3 Students have an overview of the biodiversity and relationships of primate taxa, as well as of the fossil record that reflects human evolution, based on recent literature.
- 4 Students have a good insight in the relation between morphological evolution, biogeography, and cultural evolution that typifies humans and their ancestors, and can interpret and critically evaluate the current hypotheses on human evolutionary relationships.
- 5 Students can communicate the most important aspects of human evolution towards a broader audience, both within a scientific and societal context.

### Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

### Conditions for exam contract

This course unit cannot be taken via an exam contract

### Teaching methods

Excursion, Lecture

### Extra information on the teaching methods

- **Lectures** Overview of primate biodiversity, morphology, phylogeny, evolutionary transformations in anatomical traits, species-specific traits, evolutionary trends, speciation, migration, etc.

### Study material

Type: Slides

Name: Slides lectures

Indicative price: € 25

Optional: yes

Language : English

Number of Slides : 360

Oldest Usable Edition : 2023

Available on Ufora : Yes

Online Available : Yes

Available in the Library : No

Available through Student Association : Yes

### References

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### Course content-related study coaching

During the course, students can ask questions at the end of each class or after making an appointment. At the end of the course, special sessions for answering questions can be organised.

### Assessment moments

end-of-term assessment

### Examination methods in case of periodic assessment during the first examination period

Written assessment with open-ended questions

### Examination methods in case of periodic assessment during the second examination period

Written assessment with open-ended questions

### Examination methods in case of permanent assessment

### Possibilities of retake in case of permanent assessment

not applicable

**Extra information on the examination methods**

Evaluation where the students are tested for their insight in the evolutionary trends that characterise the evolution of primates, hominids and modern humans, fossil evidence, etc. The exam comprises several statements, of which the correctness needs to be argued. The duration of the exam is maximally 3 hours.

**Calculation of the examination mark**

Evaluation based on the lectures (100%).