

- IV. Post-natal growth
- V. Lactation

Initial competences

The student has general, basal knowledge on animal physiology and biology of birds and mammals.

Final competences

- 1 Having insight in physiological aspects in relation to production and reproduction of farm animals.
- 2 Being able to link different physiological processes with each other
- 3 The student gets insight in new biotechnological developments in animal production.
- 4 Interpret laboratory test results in function of physiological aspects of digestion, lactation, growth and reproduction.
- 5 Analyzing a practical problem with regard to digestion, lactation, growth and reproduction.
- 6 Integrated interpretation of endocrine processes and nutrient flows.
- 7 Formulate ethically and socially founded value judgments based on scientific knowledge on animal physiology.

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

Seminar, Lecture, Practical, Independent work

Extra information on the teaching methods

The theory is taught as a lecture. A number of knowledge clips are also made available. In the lessons, some example exercises are included that are commonly solved in class. The practical exercises consist of lab experiments (3), a virtual learning path and two calculation exercises which are solved independently based on guidelines.

Study material

Type: Syllabus

Name: Course notes including slides and text
Indicative price: Free or paid by faculty
Optional: no
Language : Dutch

Type: Syllabus

Name: Course notes Animal Physiology including slides and text
Indicative price: Free or paid by faculty
Optional: no
Available on Ufora : Yes

References

Diverse literature sources (reference books on animal nutrition, digestive tract, physiology, genetics & recent publications)

Course content-related study coaching

The teaching staff (professor) can be contacted during contact hours to solve questions. Teaching assistants can be contacted concerning exercises.

Assessment moments

end-of-term assessment

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

Oral assessment, Written assessment with open-ended questions

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

Oral assessment, 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

Exam: 3 questions are prepared and discussed orally. 1 written theory question + 1 written exercise

Calculations - report: permanent evaluation

Calculation of the examination mark

Theory exam: 16/20; Exercise exam: 3/20; calculations permanent evaluation: 1/20.