



SLUkurs

Syllabus

PVG0035 How to read and write a scientific paper, 1.0 credits

Syllabus approved

2016-11-14

Subjects

Animal Science

Education cycle

Third cycle

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

English

Prior knowledge

Admitted to a postgraduate program in animal science, biology, veterinary medicine, food science, nutrition, nursing, bioinformatics or similar subjects, or to a residency program in veterinary science.

Objective, including learning outcomes

The overall objective of the course is to train students to use effective writing practices and to have a general understanding of the basic principles for critical

reading and self-critical writing.

After completing the course the student should be able to:

- Identify what constitutes good scientific writing
- Describe the structure of an original research article and what each section typically should include (abstract, introduction, methods, results, discussion, conclusion)
- Critically evaluate and analyse already published research
- Identify and discuss shortcomings when critically reviewing their own scientific texts and those of peers
- Give and take constructive criticism on text coherence, structure, and clarity
- Meet journal requirements in order to get published

Content

The course intends to cover how to read and write scientific publication. The participants will work in groups of four persons. Each group shall analyse and present one publication during the course. Additionally, one will be used as a group exam. All the participants are asked to send in a publication which might be central from their field. Preliminary schedule attached.

Requirements for examination

Active contribution during exercises and discussions. No written exam.

Additional information

The course will take place in SLU's Centre for Veterinary Medicine and Animal Science on campus Ultuna in Uppsala.

Responsible department

Department of Clinical Sciences