

Faculty common course 2021

English course title: Scientific writing and publishing

Swedish course title: Att skriva och publicera inom naturvetenskaper

Extent (credits): 2 hp

Language of instruction: English

Recommended prerequisites: To get the most out of the course, we recommend that students have started to write their first manuscript, and specifically they have a copy of the introduction of their first paper.

Learning outcomes of the course: Students should be familiar with all aspects of writing a scientific paper, including all the steps in the publishing process and peer-review process.

Specify which learning outcomes of the doctoral degree that are address/covered (see appendix 1 of the call or the template of ISP). Describe how: Students develop the ability to communicate effectively in preparing all written sections of their PhD; these are skills reflected within the section called 'Competence and skills' B2: Demonstrate the ability to present research in writing to the international community. The course includes discussion of ethical aspects related to scientific writing, including authorship; a skill expressed in the section 'Judgement and approach' C1. Demonstrate the ability to make assessments of ethical aspects of his or her own research. We also discuss the importance of expressing limitations to a study as expressed in C2. Demonstrate insight into the possibilities and limitations of science, its role in society and the responsibility of the individual for how it is used.

Course contents: 1. The publishing system: How to submit a paper, the variety of journals, authorship, the science citation index, the peer-review system, editorship, familiarity to literature search tools (Web of Science) and reference software (Endnote).

2. Scientific writing: Structure of a scientific paper (introduction, methods, results, discussion, conclusions, use of figures, tables and graphics

3. The doctoral thesis: Contents and time frames

4. Students have the opportunity to act as a reviewer and there are practical writing exercises, discussion seminars and guest speakers including from journal editors.

Instruction (course structure): Lectures, groups discussions, group work, seminar discussions of articles, guest speakers, individual work, reviewing each others written work.

Assessment (form of examination): Student participation in class and group discussions, exercises during seminars, presentation group work.

Course examiner (name, e-mail): Dolly Kothawala; dolly.kothawala@ebc.uu.se

Department with main responsibility: Department of Ecology and Genetics

Contact person/s (course responsible teacher) (name, e-mail): Dolly Kothawala;
dolly.kothawala@ebc.uu.se (course responsible teacher); Peter Eklöv
peter.eklov@ebc.uu.se (Post-graduate student program coordinator)

Course dates/period: December 2021

Maximum number of participants: 25

Submit the application for admission to:
<http://www.biologi.uu.se/utbildning/forskautbildningskurser/>

Submit the application not later than: 10.11.21