DALARNA UNIVERSITY

Course Syllabus

Science Communication 4.5 Credits, Third Cycle

Learning Outcomes
Upon completion of the course, students will be able to:

Knowledge and understanding

- account for the various principles of scientific communication.

Skills and Abilities

- write publishable scientific texts intended for peer-reviewed scientific journals.
- present and discuss research results orally and in poster format at international scientific conferences.
- present research and research results at appropriate levels for different consumers in society.
- discuss, respond to and give constructive criticism of other scientific works in order to further develop the field of knowledge.

Evaluation ability and Approach

- explain how one‘s own research relates to specific sustainability goals through communication in different contexts.
- identify and evaluate questions about ethics and plagiarism in scientific publishing

Course Content
The course deals with different models for science communication such as scientific articles, oral and written presentations at scientific international conferences, and the presentation of science and scientific results for different audiences outside academia. Using practical exercises, students learn how to develop different forms and formats of presentation that can reach different target groups. Questions about ethics and plagiarism in scientific communication are considered and discussed.

Assessment
• assignments

• oral presentations
• seminars

Grades
The Swedish grades U–G.

Prerequisites
General entry requirements for postgraduate studies.

Other Information
Doctoral students who are not admitted to any of the Dalarna University‘s doctoral programs are accepted subject to availability. The course is given in English

Subject:
Energy Systems in the Built Environment

Approved:
Approved 3 October 2023
Valid from 3 October 2023