



FHL3003 Environmental Physiology I, Basic and Theory 7.5 credits

Omgivningsfysiologi I, teoretisk kurs

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for FHL3003 valid from Spring 2021

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Admitted to post-graduate studies at technological or medical faculty.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

After completion of the course the doctoral student should have the knowledge and ability to

- demonstrate for the level of the course adequate acquired knowledge in the specialized topics of acceleration physiology, barophysiology and thermophysiology
- reflect on these topics with respect to environmental, human and societal aspects.

Course contents

- Physical laws and relationships, including terminology and nomenclature, used in environmental physiology.
- Thermoregulation in connection with cold stress, and symptoms and mechanisms of local cold injury and general hypothermia.
- Symptoms of reactions to physiological changes in the surrounding environment.

Examination

- INL1 - Hand in assignment, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.