MEVN15 Work Environment and Health – Man, Technology and Work Environments

7.5 higher education credits Second cycle A1N

General Information

Main field
Occupational therapy, nursing and physiotherapy

Subject
Each main field with a specialisation in work environment and health.

Type of course
The course is part of the two-year Master of Medical Science programme and is compulsory for the specialisation in work environment and health. It can also be studied as a free-standing course. The course complies with the regulations of the Higher Education Ordinance (Swedish Code of Statutes 1993:100 with later amendments).

Language of instruction
Swedish, but some or all of the tuition may be in English.

Learning Outcomes

Knowledge and understanding
On completion of the course, students shall in their main field (occupational therapy, physiotherapy or nursing) be able to

- independently and in cooperation, with a grounding in research, explain and discuss the links between exposure and health in the context of the physical, chemical and biological elements of the work environment, of the interaction man/machine and of issues of safety and risk
- independently and with a grounding in research account for relevant investigations and methods of measuring exposure and health hazards and assess their applicability to a given issue.
Skills and abilities
On completion of the course, students shall in their main field (occupational therapy, physiotherapy or nursing) demonstrate the ability to

- independently and in cooperation identify symptoms potentially related to physical, chemical and biological factors in working life and in cooperation with others assess the risks associated with exposure to these factors
- independently and in cooperation identify and assess problems potentially related to the interaction man-machine in the work environment
- independently and in cooperation apply relevant laws and regulations and conduct relevant and legally required health investigations and assess the results
- independently explain to individuals and employers the consequences of functional disabilities such as visual, hearing or somatosensory impairment on the ability to work
- independently and in cooperation assess the need for protective gear, explain and justify its use and provide appropriate instructions
- plan and discuss in cooperation with others preventive measures for groups and individuals in the work environment.

Judgement and approach
On completion of the course, students shall in their main field (occupational therapy, physiotherapy or nursing) demonstrate the ability to

- apply a professional approach to employees, employers and authorities with due regard for diversity, integrity and impartiality
- discuss and manage results of individual health investigations in an ethical and professional manner
- assess the qualifications required for managing different issues and identify their own need of skills development in the field.

Course Content
The course is interprofessional in characters and provides a broad overview combined with in-depth study in the various main fields. The subjects covered are physical factors, such as lighting, noise, vibrations and climate, and chemical and biological factors in the work environment. Furthermore, the interaction man-machine and the significance of interface design are included.

Subjects examined
Written and oral assignments, 7.5 credits

Instruction and Examination

Instruction
The course is mainly internet-based but includes seminars on campus in Lund. It corresponds to five weeks of full-time study. Assignments are presented individually and in groups throughout the course.

Examination
For a grade of Pass students must have participated actively at all compulsory stages and passed all written and oral assignments. For assignments to pass they must be well structured, include relevant and current references and adopt a critical approach.

Grades
Grades are set for a completed course. One of the grades Pass or Fail is awarded.
A student who has passed a course will be given a certificate to that effect by the higher education institution, on request.

Admission Requirements

To be eligible for the course, students must have a qualification corresponding to a Bachelor’s degree (180 credits including a degree project worth 15 credits) in occupational therapy, physiotherapy, nursing or radiology nursing, or the corresponding qualification in medical science.

Further Information

Examination opportunities, new examiner, etc.

**Theoretical courses**

One ordinary examination and one opportunity for re-examination are offered in conjunction with the course. A student who has failed to achieve a pass on either of these occasions will be offered a further opportunity for re-examination at a later date. A student is entitled to four opportunities for re-examination in a theoretical course.

**New examiner**

A student who has taken two examinations in a course or a part of a course without obtaining a pass grade is entitled to have another examiner appointed, unless there are special reasons to the contrary. The request is to be submitted to the programme director.

**Literature**

See appendix.
Appendix: Literature

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**Literature**

Swedish Work Environment Authority Statute Book (AFS). Relevant regulations are listed in My Course Library.


http://www.amazon.com/Occupational-Environmental-Health-Recognizing-Environental/dp/0781755514/ref=pd_sim_b_4

Current laws, statutes, inquiries and research articles are also included.