



Faculty of Medicine

FYPB49, Human Factors and Ergonomics in Working Life, 9 credits

Människan i arbetslivet, 9 högskolepoäng
First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Rehabilitation Programmes Board on 2021-02-03 to be valid from 2021-02-03, autumn semester 2021.

General Information

The course is included in the Bachelor's programme in Physiotherapy, 180 credits, and is compulsory for a degree of Bachelor of Science in Physiotherapy. It is included in semester 4 and complies with the provisions of the Higher Education Ordinance (SFS 1993:100 with later amendments).

Language of instruction: Swedish
Some required reading is in English.

Main field of studies

Physiotherapy

Depth of study relative to the degree requirements

G2F, First cycle, has at least 60 credits in first-cycle course/s as entry requirements

Learning outcomes

The general aim of the course/objective is to enable students to provide an account, based on current knowledge, of the individual in working life, focusing especially on ergonomics for the prevention of musculoskeletal disorders and the ability to perform a work place analysis.

Knowledge and understanding

On completion of the course, the students shall be able to

- give an account of and reflect on the relationship between work-related ill-health in a physiotherapeutic perspective and the following working environmental factors: repetitive strain, psychosocial, physical and organisational factors of the work environment

- give an account of the concept work capacity and assessment of work capacity,
- give an account of primary and secondary prevention in the working life in relation to work-related ill-health and to different actors responsibility and roles,
- give an account of implications of work-related ill-health on health economics, and perform basic health economics calculations at an organisational level

Competence and skills

On completion of the course, the students shall be able to

- plan, perform and give an account of a work place analysis as well as argue for proposed measures
- plan and carry out teaching of relocation technique and reflect from an pedagogical perspective,
- search for and interpret information from relevant laws and regulations in the working environment.

Judgement and approach

On completion of the course, the students shall be able to

- identify the individual's needs related to requirements in the working life from a holistic perspective and with regard to functional impairment,
- apply a professional approach to employers and employees with regard to diversity.

Course content

The course contains among others physical ergonomics, psychosocial working environment, working organisation and prevention and health promotional working method, health economics, workplace rehabilitation and evaluation of working ability. The course is furthermore based on knowledge and skills from earlier courses in the programme. In this course the man in the working life is the object of our studies and the human working situation is analysed and being improved.

The contents are based on current knowledge.

Course design

The teaching consists of active learning including student led teaching, lectures, laboratory sessions and seminars and web-based assignments. Work in an authentic environment is used for a work place analysis, based on a template.

Assessment

To pass the course, students are required to have

- passed written and oral work place analysis,
- active participation in laboratory sessions and seminars,
- passed the written assignments.

Number of exams

One examination and one retake is arranged soon after the course. Students who do not achieve a pass on either of these occasions will be able to retake the examination at a later date. Students who have failed an examination on a theoretical course are entitled to retake the examination four times.

New examiner

A student who has failed two exams on a course or module is entitled to have another examiner appointed, unless there are special reasons to the contrary (SFS 2006: 1053). (SFS 2006:1053). The request is made to the programme director.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

To be admitted to the course, students must be admitted to the Bachelor's programme in Physiotherapy and have passed semesters 1 and 2 and completed semester 3.

Subcourses in FYPB49, Human Factors and Ergonomics in Working Life

Applies from H21

2101 Human Factors and Ergonomics in Working Life, 9,0 hp
Grading scale: Fail, Pass