



Faculty of Medicine

FYPA49, 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 Board of Rehabilitation Sciences Education on 2015-12-08 and was last revised on 2020-03-18 by The Rehabilitation Programmes Board. The revised syllabus applies from 2020-03-18, spring semester 2020.

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
The course may be taught 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

account for the relationship between work-related ill health from a physiotherapy perspective and repetitive strain, psychosocial, physical and organisational factors of the work environment discuss the concept of fitness to work and assessments of fitness to work, and relate them to the International Classification of Functioning, Disability and Health (ICF), account for primary, secondary and tertiary prevention in working life in relation to work-related ill health and in relation to the responsibility and roles of different actors

seek and interpret information from relevant laws and regulations in the field of the work environment account for implications of work-related ill health on health economics, and perform simple health economics calculations at an organisational level

Competence and skills

On completion of the course, the students shall be able to plan, perform and account for a work place analysis as well as argue for proposed measures plan and carry out teaching of locomotion techniques and reflect on teaching practice

Judgement and approach

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

identify the individual's needs in relation to the demands of working life, from a holistic perspective and with regard to musculoskeletal disability apply a professional approach to employers and employees taking diversity into account

Course content

The course deals with ergonomics for the prevention of musculoskeletal disorders, the psychosocial work environment and work organisation, prevention and health promotion, health economics, work rehabilitation and fitness to work assessments. The course is based on the assumption that the individual in working life is the object of study and that the work situation of the individual is what is to be analysed and improved.

Course design

The teaching consists of lectures, laboratory exercises and seminars as well as online 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 a written and oral work place analysis. participated actively in laboratory exercises and seminars. passed the written assignments.

Number of exams

One examination and one opportunity to retake the examination are arranged soon after the course. Students who do not achieve a pass on either of these occasions will be able to retake the examination on a later occasion. 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 examinations 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.

Further information

The course replaces FYPA48

Subcourses in FYPA49, Human Factors and Ergonomics in Working Life

Applies from V16

1501 Human Factors and Ergonomics in Working Life, 9,0 hp
Grading scale: Fail, Pass