Faculty of Medicine

FYPA25, Functional Ability with Pathological States and Injuries in the Cardiorespiratory Systems, 13.5 credits

Funktionsförmåga vid sjukdomar och skador i andnings- och cirkulationssystemen, 13,5 högskolepoäng

First Cycle / Grundnivå

Details of approval

The syllabus is an old version, approved by The Rehabilitation Programmes Board on 2018-04-10 and was last revised on 2019-03-06. . The revised syllabus applied from 2019-03-06. , autumn semester 2019.

General Information

The course is included in the Bachelor's program in Physiotherapy, 180 credits, and is compulsory for a degree of Bachelor of Science in Physiotherapy. It is included in semester 2 and complies with the regulations in the Higher Education Ordinance (SFS 1993:100 with later amendments).

Language of instruction: Swedish
Some teaching may be in English.

Main field of studies	*Depth of study relative to the degree requirements*
Physiotherapy	G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements

Learning outcomes

Knowledge and understanding

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

- describe and explain commonly occurring disorders and pathological states in the cardiorespiratory systems and their effects on body structure, body function, activity and participation (ICF)
- describe, compare and explain aetiology, pathophysiology, symptoms, disease progression and medical treatment regarding commonly occurring disorders and pathological states in the cardiorespiratory systems

- describe and highlight current research and give examples of evidence-based physiotherapy in the subject area.
- give an account of physical activity and training as health promotion measures for the individual and different disease groups in the subject area of the course

Competence and skills

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

- apply and give an account of physiotherapy examination, physiotherapy treatment/measures and evaluation of functional ability in the cardiorespiratory systems
- have developed their ability to review physiotherapy measures in the subject area of the course using a scientific approach in relation to earlier courses
- demonstrate the ability to acquire, critically review and implement new knowledge and to discuss new facts, phenomena and issues in the subject area of the course
- demonstrate the ability to independently apply information and literature searches in the subject area of the course
- cooperate in groups and reflect on results and the work process, their own and the group's efforts, and give constructive feedback
- communicate and interact with a counterpart in a set communicative situation

Judgement and approach

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

- demonstrate a specialised ability to describe their need for additional knowledge and to continuously develop their professional expertise in relation to earlier courses
- taking diversity into consideration, apply a professional approach vis-à-vis patients, relatives and other healthcare professions

Course content

The course runs for 9 weeks and contains the following subjects – physiotherapy, anatomy, pathophysiology, internal medicine, oncology, cardiac and cardiovascular systems, surgery and medical humanities. The medical subjects are combined with physiotherapy function assessment and examination, treatment and evaluation methods of impaired functional ability in the cardiorespiratory systems.
Cases and case seminars are used in the course.The course is based on a number of cases that highlight physiotherapy respiratory care in connection with lung disease and surgery.Furthermore, the cases focus on physiotherapy in connection with cardiovascular disease and oncological disease.The course links back to the previous course physiology and a specialisation is attained by applying physiological knowledge in relation to physiotherapy.This means that the course contains some practical components including fitness testing and testing of lung function.

Course design

The teaching in the course comprises lectures, case methodology, study visits, communication and seminars. Practical training is performed in skills groups.

Assessment

For a grade of Pass on the course, students are required to have

-passed an individual practical examination
-passed the individual written examination
-passed participation in cases, communication methodology and seminars

Number of exams
One examination and one opportunity to retake the examination, which 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.

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 Program 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 have: passed semester 1.

Further information

Replaces FYPA23

Subcourses in FYPA25, Functional Ability with Pathological States and Injuries in the Cardiorespiratory Systems

Applies from H18

1801 Physiotherapy Oral/Practical Examination, 4,5 hp
Grading scale: Fail, Pass
1802 Physiotherapy and Medicine Written Examination, 9,0 hp
Grading scale: Fail, Pass