

## **FYPA38, Functional Ability and State of Health with Pathological States and Injuries in the Neurological System, 15 credits**

*Funktionsförmåga och hälsotillstånd vid sjukdom och skada i  
nervsystemet, 15 högskolepoäng*  
First Cycle / Grundnivå

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### **Details of approval**

The syllabus was approved by The Rehabilitation Programmes Board on 2017-02-07 and was last revised on 2020-03-18. The revised syllabus applies from 2020-03-18, spring semester 2020.

### **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 3 and complies with the regulations in the Higher Education Ordinance (SFS 1993:100 with later amendments).

*Language of instruction:* Swedish

*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**

#### **Knowledge and understanding**

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

- give an account of aetiology, examinations, diagnostics, disease progression and medical treatment for commonly occurring pathological states and injuries in the nervous system
- give an account of, and explain, physiotherapy intervention and relate the intervention to science and evidence in neurological rehabilitation/habilitation

- give an account of how ICF's components interact, and use the health model in setting goals, intervention and evaluation
- explain what individual-, family- and child-centred approach means in physiotherapy intervention
- integrate knowledge of biological aging in physiotherapy intervention involving older individuals with neurological injuries and diseases
- explain the importance of cooperation in a rehabilitation team

### **Competence and skills**

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

- carry out physiotherapy examination and treatment of commonly occurring pathological states and injuries in the nervous system and relate this to theoretical knowledge
- apply information and literature searches in the subject area in question
- highlight physiotherapy intervention in evidence-based neurological rehabilitation/habilitation, orally and in writing
- 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

- taking diversity into consideration, understand the importance of, and be able to apply, a professional approach vis-à-vis individuals with neurological diseases/injuries, their relatives and other healthcare professionals
- identify their need for further knowledge and ongoing development of their professional expertise.

### **Course content**

The course runs for 10 weeks. It covers the following subjects – physiotherapy, neurophysiology, neurology, neuro-rehab, and habilitation.

### **Course design**

The teaching consists of lectures, study groups and seminars. Practical training is performed in skills groups.

### **Assessment**

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

- passed individual written examinations and written assignments
- passed the individual oral practical examination
- passed participation in compulsory components such as study groups, proficiency training, 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 a course or course component twice is entitled to have another examiner appointed, unless there are special reasons to the contrary (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**

Entry to the course requires that the student has passed semester 1 and completed semester 2.

## **Further information**

Replaces FYPA36

## Subcourses in FYPA38, Functional Ability and State of Health with Pathological States and Injuries in the Neurological System

Applies from V17

- 1701 Physiotherapy oral/practical, 6,0 hp  
Grading scale: Fail, Pass
- 1702 Physiotherapy and medicine, written, 9,0 hp  
Grading scale: Fail, Pass