

**SYLLABUS**

# **Physiotherapy, assessment, intervention and interaction III 7.5 credits S0082H**

**Fysioterapi: Bedömning, intervention och interaktion III**

**Course syllabus admitted: Spring 2018 Sp 3 - Spring 2019 Sp 4**

**DECISION DATE  
2017-06-16**

# Physiotherapy, assessment, intervention and interaction III 7.5 credits S0082H

## Fysioterapi: Bedömning, intervention och interaktion III

### First cycle, S0082H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG	Fysioterapi	Therapy, Rehabilitation and Dietary Treatment

## Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Knowledge of

- The anatomy of the musculoskeletal system, respiratory and circulatory anatomy, physiology and pain physiology. (M0024H/M0080H, M0025H/M0077H),
- Etiology, pathophysiology, diagnosis, treatment and prognosis of diseases and injuries during the lifespan (M0035H/M0078H Medical Science Pathophysiology I in position to Physiotherapy; M0036H/M0079H Medical Science Pathophysiology II in position to Physiotherapy).
- The functional anatomy of the musculoskeletal system and biomechanics (S0071H/S0080H).
- Knowledge of principles, theories and models of motor control and motor learning (S0068H/S0083H).
- Knowledge and skills in strength and condition training, basic body awareness, health promotion practice regarding physical activity and nutrition as well as analyzing a scientific text (S0085H/S0097H, S0074H/S0084H).
- Knowledge and skills in methods applied in physiotherapy in order to measure and assess mobility, joint and muscle function, respiration, circulation and condition as well as mental physical disability. (S0071H/S0080H, S0073H/S0081H).

## Selection

The selection is based on 1-165 credits.

## Examiner

Ulrik Röjjezon

## Course Aim

On completion of the course, the student should, in a scientific way, based on current laws and regulations, with an ethical viewpoint, for individuals with altered function and/or a pain condition in the column or psychosomatic functional disorder, be able to:

1. With physiotherapeutic methods, from a bio-psychosocial perspective, examine, analyse and assess what may restrict or threatens to restrict individuals' health and capacity for movement and activity in daily life.
2. Be able to account for these individuals' function condition based on body function and structure, activity and participation (ICF-dimensions).
3. Describe relevant evaluation instruments within the area concerned.
4. From a bio-psychosocial perspective and evidence-based medicine motivate, develop and implement interventions in order to increase physical capacity, activity and promote health that improves and maintains functional capacity or compensates for functional limitations.

## Contents

- Physiotherapy for individuals with altered function and/or pain condition in the column or psychosomatic functional disorder and physiotherapeutic interventions to promote health and stimulate physical activity in patients with impaired function.
- Review of scientific articles is included, as well as reflections and preparation of proposals as to how physical activity might be stimulated to improve and maintain function.

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Learning in the course takes place through individual work, training together with fellow students, group assignments and lectures and teaching sessions where theory and supervised practical exercises are integrated. In all tuition forms, the student is stimulated and encouraged to carry out problem-solving and to have a critical reflective attitude.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

The course are examined through:

Oral and practical examination including theoretical elements. (test 4, 5,0 credits. Fail, Pass, Pass with distinction)

Seminars and written reports. (test 3, 2.0 credits. Fail, Pass).

Part of examination oral and practical examination (test 5, 0,5 credits. Fail, Pass)

Criteria for Pass and Pass with credit are stated in the study guide

## Overlap

The course S0082H is equal to S0045H, S0100H

## Literature. Valid from Autumn 2015 Sp 1

\* Holmström E & Moritz U. (2007). Rörelseorganens funktionsstörningar, klinik och sjukgymnastik. Studentlitteratur Lund

\* Kaltenborn FM. (2012). Manual mobilization of the joints. The Spine, Volume II: Joint Examination and Basic Treatment [With DVD] Orthopedic Physical Therapy Products (OPTP) ISBN: 9780011992044

\* Petty, N. (ed.) (2011), Neuromusculoskeletal Examination and Assessment 4'ed. Churchill-Livingstone Elsevier, London, Great Britain. ISBN: 9780702029905

\* Roxendal G. & Winberg A. (2002). Levande människa. Natur och kultur. Falköping.

\* Währborg, P. (2002). Stress och den nya ohälsan. Stockholm: Natur och Kultur.

Statens Folkhälsoinstitut (2008). FYSS Fysisk aktivitet i sjukdomsprevention och sjukdomsbehandling. Report No 2003:44. Stockholm: Yrkesföreningar för fysisk aktivitet.

\* Denison, E. & Åsenlöf, P. (2012) Beteendemedicinska tillämpningar i sjukgymnastik. Lund: Studentlitteratur

Articles, extracts and reports may be added.

\*The literature has been used in previous courses

## Course offered by

Department of Health Sciences

## Items/credits

Number	Type	Credits	Grade
0003	Physio in a biopsychosocial perspective report/seminar	2	U G#
0004	Funktional impairment columna, oral/practical/wrtiiten exam	5	U G VG
0005	Part of examination oral and practical	0.5	U G#

## Last revised

by 2017-06-16

## Syllabus established

by Prefekt vid Inst för hälsovetenskap 2014-02-12