

**SYLLABUS**

# **Medical Science Pathophysiology II in position to occupational therapy 7.5 credits M0038H**

**Medicinsk vetenskap: Sjukdomslära med inriktning mot arbetsterapi  
2**

**Course syllabus admitted: Autumn 2021 Sp 2 - Present**

**DECISION DATE  
2021-08-10**

# Medical Science Pathophysiology II in position to occupational therapy 7.5 credits M0038H

## Medicinsk vetenskap: Sjukdomslära med inriktning mot arbetsterapi 2

### First cycle, M0038H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG *	Medicinsk vetenskap	Medicine

## 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 Basic anatomy and physiology (M0031H)

## Selection

The selection is based on 1-165 credits.

## Examiner

Cecilia Björklund

## Course Aim

On completion of the course, the student should be able to:

- describe aetiology, epidemiology, pathophysiology, diagnostics, treatment, complications and prognosis in commonly occurring neurological, psychiatric, geriatric and child neurological conditions
- give an account of brain structures and functions, perception and memory functions
- describe the significance of age and gender for illness and treatment
- place his knowledge in a larger social context and medical public health perspective in order to be able to participate in health promotion work
- apply basic hygiene procedures in his/her professional role
- evaluate his/her knowledge and need for knowledge development in respective areas

This knowledge constitutes a basis for coming courses and is a precondition for working as occupational therapist.

## Contents

- Neurology
- Neuropsychology
- Psychiatry
- Geriatric medicine
- Child neurology
- Hospital hygiene

## Realization

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

Tuition methods vary with self-study, individual or group work and lectures. As support for individual studies, the student is offered lectures and resource time via distance-bridging technology in LTU's LMS-system Canvas. The studies are carried out by means of detailed objectives and instructions as presented in the study guide. Seminars and laboratory sessions are compulsory.

## 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 learning outcomes are examined according to the set of tests below. Examinations test knowledge relevant to the future profession. At seminars, the student should demonstrate his/her ability to apply theoretical knowledge of diseases in realistic health care situations. Alternative examination forms may be used.

## Remarks

This is a first-cycle course. Study supervision is provided in the course room in Canvas. Passing this course constitutes specific entry requirements for placement courses.

## Transition terms

This course replaces M0004H

## Literature. Valid from Autumn 2021 Sp 2

Allgulander, C. (2019). Klinisk psykiatri. (4. uppl.) Lund: Studentlitteratur.

Dehlin, O. & Rundgren, Å. (2014). Geriatrik. (3., rev. och uppdaterade uppl.) Lund: Studentlitteratur.

\* Ericson, T. & Lind, M. (red.) (2020). Medicinska sjukdomar. (Femte upplagan). Lund: Studentlitteratur. Eller senaste upplagan.

Lagerkvist, B. & Lindgren, C. (red.) (2012). Barn med funktionsnedsättning. (1. uppl.) Lund: Studentlitteratur.

Nyman, H. & Bartfai, A. (red.) (2014). Klinisk neuropsykologi. (2., [rev. och utök.] uppl.) Lund: Studentlitteratur.

[www.vardhandboken.se](http://www.vardhandboken.se)

Articles and reports to be added .

\* Literature has been used in earlier courses

Search books in the library

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written examination in neurology	U G VG *	2	Mandatory	A08	
0006	Laboratory session in hospital hygiene	U G#	0.5	Mandatory	A08	
0013	Seminar in geriatrics	U G#	1	Mandatory	A10	
0015	Seminar in psychiatry	U G#	1.5	Mandatory	A12	
0016	Written examination in neuropsychology	U G VG *	1.5	Mandatory	A14	
0017	Written examination in child neurology	U G VG *	1	Mandatory	A14	

## Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-08-10

## Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2007-12-17