SYLLABUS

Medical Science Pathophysiology II in position to physiotherapy 7.5 credits M0079H

Medicinsk vetenskap Sjukdomslära med inriktning mot fysioterapi II

Course syllabus admitted: Spring 2022 Sp 4 - Spring 2023 Sp 4

DECISION DATE
2021-12-28

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Medical Science Pathophysiology II in position to physiotherapy 7.5 credits M0079H

Medicinsk vetenskap Sjukdomslära med inriktning mot fysioterapi II

First cycle, M0079H

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 (M0024H/M0080H, M0025H/M0077H)

Selection

The selection is based on 1-165 credits.

Examiner

Johanna Sundbaum

Course Aim

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

- Give an account of etiology, 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 practice
- The value of his knowledge and the need for skills development in respective areas

This knowledge provides a basis for future courses and is a prerequisite for being able to work as a physiotherapist.

Contents

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

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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. The studies are carried out by means of detailed aims and instructions as presented in the study guide. As a support for self-study, materials and a discussion forum are provided through LTU's LMS system, Canvas.

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 test set below. Examinations test knowledge relevant to the future profession. At seminars, the student should demonstrate his/her ability to apply a theoretical knowledge of diseases in realistic health care situations. Alternative examination forms may occur

Remarks

This is a first-cycle course. Study supervision is provided in the course room in Canvas. A pass in this course is a prerequisite for Work Placement.

Transition terms

The course M0079H is equal to M0036H

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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

Articles and reports will be added.
*The literature has been used in previous 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	A14	
0002	Written examination in neuropsychology	U G VG *	1	Mandatory	A14	
0003	Written examination in child neurology	U G VG *	1.5	Mandatory	A14	
0004	Seminar in geriatrics	U G#	1	Mandatory	A14	
0005	Seminar in psychiatry	U G#	1.5	Mandatory	A14	
0006	Laboratory session in hospital hygiene	U G#	0.5	Mandatory	A14	

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-12-28

Syllabus established

by Prefekt vid Inst för Hälsovetenskap 2014-06-29

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