

SYLLABUS

Medical Science Pathophysiology I in position to occupational therapy 7.5 credits M0037H

**Medicinsk vetenskap: Sjukdomslära med inriktning mot arbetsterapi
1**

Course syllabus admitted: Autumn 2021 Sp 1 - Present

**DECISION DATE
2021-06-08**

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Medicinsk vetenskap: Sjukdomslära med inriktning mot arbetsterapi 1

First cycle, M0037H

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 for commonly occurring internal medicine, surgical (including oncology) and orthopaedic diseases
- 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
- Carry out and apply basic cardiopulmonary resuscitation (CPR)
- Evaluate the value of his knowledge and the need for skills development in respective areas

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

Contents

- Internal medicine diseases
- Cardiovascular diseases
- Endocrinology
- Lung diseases
- Rheumatic diseases
- General surgery
- Orthopaedics and hand surgery
- Cardiopulmonary resuscitation(CPR)

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.

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

The course replaces M0003H

Literature. Valid from Autumn 2021 Sp 1

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

Lindén, B., Hagstedt, B. & Khalid, M. (2011). Ortopedi i primärvård. (5., [utök.] uppl.) Lund: Studentlitteratur. Eller annan likvärdig litteratur.

Articles and reports will be added.

* Literature has been used in several 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
0005	Seminar in cardiovascular diseases, endocrinology	U G#	1.5	Mandatory	A08	
0011	Written examination in orthopaedics and hand surgery	U G VG *	2.5	Mandatory	A12	
0015	Seminar in respiratory medicine	U G#	0.5	Mandatory	A15	
0016	Seminar in rheumatology	U G#	0.5	Mandatory	A15	
0018	Practice exam in CPR	U G#	0.3	Mandatory	A20	
0019	Written examination in medical and surgical diseases	U G VG *	2.2	Mandatory	A20	

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-06-08

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2007-12-17