

**SYLLABUS**

# **Medical science: Pathology in position to occupational therapy 15 credits M0120H**

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

**Course syllabus admitted: Autumn 2024 Sp 1 - Present**

**DECISION DATE  
2024-02-13**

# Medical science: Pathology in position to occupational therapy 15 credits M0120H

## Medicinsk vetenskap: Sjukdomslära med inriktning mot arbetsterapi

### First cycle, M0120H

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 the course requires corresponding prior knowledge

A0044H Occupational therapy: The profession and the subject, 15 Hp

A0045H Occupational therapy: Pedagogy for change processes, 7,5 Hp

A0043H Psychology in position to Occupational Therapy, 7,5 Hp

M0118H Medical science: Anatomy and physiology in position to occupational therapy, 15 Hp

A0046H Occupational therapy: Evaluation of needs and conditions for activity, 15 Hp

## Selection

The selection is based on 1-165 credits.

## Course Aim

After passing the course, the student should be able to:

1. Describe national public health and intersectional and societal factors that may affect health status.
2. Describe and explain how good and equitable care can be promoted through national knowledge support and within different levels of care and through inter-professional collaboration.
3. Explain the etiology, pathophysiology and symptoms of different conditions, taking into account age and gender.
4. Reflect on and discuss how the consequences of disease and its treatment may affect the individual's ability to be active and participatory.
5. Describe and explain the role and responsibilities of the occupational therapist in the team and within different levels of care.
6. Understand the importance of and apply basic nursing hygiene.
7. Demonstrate proficiency in performing basic cardiopulmonary resuscitation.
8. Value own knowledge and identify needs for own knowledge development.

## Contents

Public Health  
Gerontology and geriatrics  
Infectious Diseases  
Internal medicine diseases  
International Classification of Functioning, Disability and Health (ICF)  
Knowledge management and care pathways  
Surgical diseases  
Neurological diseases  
Orthopedics and hand surgery  
Pediatrics  
Mental illness and disabling conditions  
Rheumatic diseases  
Tumor diseases  
Public Health  
Healthcare hygiene

## Realization

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

The course content is worked on in different study units; a) public health, b) internal medicine and surgery, c) musculoskeletal diseases, d) neurology and psychiatry, e) pediatrics, f) geriatrics, g) tumor and infectious diseases as well as nursing hygiene.

In study unit a) objectives 1-2 are worked on and in study units b-g) objectives 3-5 are worked on. In study unit b), objective 7 is also worked on and in study unit g), objective 6 is also worked on. Knowledge of objective 8 is developed in all study units.

Each unit of study begins with lectures that provide an overview of the unit's content. The content is then worked on individually and in working groups through literature studies, laboratory work, study tasks, seminars and oral and written presentations. The studies are carried out with the support of a course outline and a web-based course room that specifies teaching methods and study instructions to achieve the course objectives.

Learning in the course requires students to actively seek knowledge and solve problems through an investigative and critically reflective approach. This means that students take personal responsibility for achieving the course objectives by planning their learning and their collaboration with other course participants during the course. The learning in the course will provide readiness for team collaboration through interprofessional learning based on national knowledge support for care. Learning towards the course objectives is also based on the student acquiring an understanding of the relevance of the course content to occupational therapy and the level of progression of the course in relation to other courses in the occupational therapy programme. Laboratories and seminars are compulsory as these modules develop knowledge that can only be gained through interaction and sharing of experience with others. By evaluating and discussing their own knowledge, skills and evaluative abilities, students practice assessing their own competence development.

The course is conducted using distance methodology, is mainly web-based which requires computer literacy and access to a well-functioning internet connection as well as a headset and webcam. Parts of the course are on campus for e.g. labs, seminars and exams. The campus weeks are compulsory. Absences from compulsory training may mean that the student cannot make up opportunities until the next time the course is given.

## 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 grading scale used for the course is Pass (VG), Pass (G) and Fail (U).

Objectives 1 - 2 are examined by assignments with seminars, Objectives 3 - 5 are examined by individual written exams and assignments with seminars, Objectives 6 - 7 are examined by laboratory work, Objective 8 is assessed continuously through student learning reflections during the course.

Grading criteria for each module and examination are given in the online course room. Compulsory attendance at laboratory sessions and seminars is required for course grades. The course objectives are examined continuously during the course, at the course examination period and at the re-examination period as indicated in the course room.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Remarks

It is a first-level course. Successful completion of the course will provide the special entry requirements for the program's Practice-based education part II and III, and the Evidence and professional development courses, and the Thesis course. The course is compulsory for students on the Occupational Therapy program.

## Transition terms

The program syllabus in which this course is included applies from the autumn semester year 2022. For students who have been admitted to the previous program syllabus, and who resume their studies under the current program syllabus after a break in their studies, the head of education and subject coordinators will decide on individual study plans and credit transfers.

If the course is discontinued or has undergone a major change, students will be offered two opportunities for examination in the first year after the change and then once more per year for the following two years.

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Public Health	U G#	1.5	Mandatory	A23	
0002	Internal Medicine and Surgery	U G VG	3	Mandatory	A23	
0003	CPR laboratory	U G#	0.2	Mandatory	A23	
0004	Musculoskeletal diseases	U G VG	1.5	Mandatory	A23	
0005	Neurology and Psychiatry	U G#	3	Mandatory	A23	
0006	Pediatrics	U G VG	1	Mandatory	A23	
0007	Geriatrics	U G VG	2.5	Mandatory	A23	
0008	Tumour and Infectious diseases	U G VG	1.8	Mandatory	A23	
0009	Nursing hygiene laboratory	U G#	0.5	Mandatory	A23	

## Last revised

by Jenny Jäger, Director of Undergraduate Studies at the Department of Health, Education and Technology 2024-02-13

## Syllabus established

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2023-02-14