

SYLLABUS

Medical Science: Pathophysiology in position to children and young people 7.5 credits M7007H

Medicinsk vetenskap: sjukdomslära inriktning mot barn och ungdom

Course syllabus admitted: Spring 2022 Sp 3 - Spring 2022 Sp 4

**DECISION DATE
2021-10-27**

Medical Science: Pathophysiology in position to children and young people 7.5 credits M7007H

Medicinsk vetenskap: sjukdomslära inriktning mot barn och ungdom

Second cycle, M7007H

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

Entry requirements

Bachelor Degree in Nursing

M7008H Medical Science: Pathophysiology in position to adults and old people, 7,5 credits

M7012H Public Health Science: In Primary Health Nursing, 7,5 credits

Selection

The selection is based on 30-285 credits

Examiner

Päivi Juuso

Course Aim

On completion of the course, the student should:

- Have acquired advanced knowledge of aetiology, pathophysiology, diagnostics, treatment and prognosis as they apply to children and the most common diseases that arise within primary care of adolescents.
- Have acquired advanced knowledge of normal child and adolescent development, child habilitation and vaccinations.
- Be familiar with diagnosed diseases that are described in SOSFS 2001:16, to be able to prescribe drugs in a way that maintains patient safety.
- Be able to take care of an acutely ill child in an adequate way and be able to carry out CPR.

Contents

- Diseases in children and adolescents
- Child allergology
- Child endocrinology
- The child's psycho-emotional development
- Child and adolescent psychiatry
- Child habilitation
- Vaccinations
- S-CPR child

Realization

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

To reach the course objectives, the student should, independently and through group cooperation, and with support of the literature, study according to the instructions in the study guide. As support for the literature studies, the student is offered lecture materials via Fronter. In addition, the student is offered general lectures at Campus Luleå and via distance-bridging technology. Knowledge is deepened through lectures and discussions with specialists in different fields.

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. For the pass grade, it is required that the student achieve the course objectives through the following examination parts:

- Written individual examination
- Written assignment
- Practical examination
- Seminar

Grading criteria for pass and pass with distinction are stated in the study guide.

Remarks

This course is given for second-cycle studies. To complete the course the student must participate in compulsory parts and carry out examinations. Absence from compulsory parts should be made up for after discussion with the course coordinator.

Study supervision is provided in the course room in Canvas.

Passing this course constitutes specific entry requirements for placement courses.

Overlap

The course M7007H is equal to HVM058

Literature. Valid from Autumn 2021 Sp 1

Gillberg, Råstam & Fernell (red.) (senaste upplagan). Barn- och ungdomspsykiatri. Stockholm: Natur och kultur.

Hanséus, K., Jägervall, M. & Norman, M. (red.) (2020). Barnmedicin. (Femte upplagan). Lund: Studentlitteratur.

*Raadu, G. (red.) (senaste upplagan). Författningshandbok för personal inom hälso- och sjukvården. Stockholm: Liber AB.

Svenska rådet för hjärt-lungräddning. (senaste upplagan). Avancerad hjärt- lungräddning till barn. Kursbok med webbutbildning. Göteborg: Svenska rådet för hjärt-lungräddning.

* Literature has been used in earlier courses

Articles to be added

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0013	Written examination	U G VG *	3.8	Mandatory	S19	
0014	Seminar	U G#	1.5	Mandatory	S19	
0015	Individual written assignment	U G#	1.5	Mandatory	S19	
0016	S-CPR Child	U G#	0.7	Mandatory	A21	

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-10-27

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2007-05-15