



**Karolinska  
Institutet**

Course syllabus for

## **General and specific medicine 4, 4.5 credits**

Allmän och speciell medicin 4, 4.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

[Autumn2011](#) , [Autumn2012](#) , [Autumn2013](#) , [Autumn2014](#) , [Autumn2015](#) , [Autumn2016](#) , [Autumn2017](#)

Course code	2LG034
Course name	General and specific medicine 4
Credits	4.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Not applicable
Level	GX - First cycle
Grading scale	Pass, Fail
Department	Department of Clinical Science, Intervention and Technology
Decided by	Programnämnd 4
Decision date	2011-05-04
Revised by	Education committee Clintec
Last revision	2016-04-28
Course syllabus valid from	Autumn 2016

## **Specific entry requirements**

For admission to semester 5, it is required that the student does not lack more than 15 credits from preceding semesters within the Study Programme in Speech and Language Pathology

## **Objectives**

**Neuropediatrics, Child and Adolescent Psychiatry, 3 credits**

On completion of this module, the student is expected to be able to:

- account for a neurological development and psychiatric child and adolescent examination and what such can lead to regarding diagnosis and actions
- describe basic clinical genetics within neuropediatrics at a general level
- account for different diagnoses within the fields, theories of causes, symptoms and treatment
- describe such symptoms and behavioural disorders that are connected to inability to use language or that depend on specific disturbances of speech and language development
- describe briefly such conditions that influence the development and school attendance of children and adolescents where the expertise of the speech pathologist is needed

- describe at a general level the organisation, teamwork, treatment and other interventions within Habilitation and Child and Adolescent Psychiatry (CAP)

### **Orofacial development and function, 1.5 credits**

On completion of this module, the student is expected to be able to:

- explain the embryologic development of the head and throat area and deviations
- describe normal occlusal development and the most common deviations
- account for normal oral motor function, eating development and swallowing function of children and adolescents
- account for normal velopharyngeal function and for velopharyngeal insufficiency
- explain the principles of orofacial reconstructive surgery

## **Content**

The course contains two modules:

**Neuropediatrics, Child and Adolescent Psychiatry, 3 hp** The module includes knowledge about developmental neurological/neuropaediatric diseases (learning disability, autism spectrum disorder, attention deficit, language disorder, cerebral palsy, spina bifida, hydrocephalus, neuromuscular and neurometabolic diseases), child and adolescent psychiatric conditions and specific syndromes and their treatment, working methods and organisation and teamwork. Emphasis is placed particularly on the physical disabilities and deviations that influence communication, language and/or swallowing functions. A background is given from the development and maturity of the brain and pre- and perinatal risks. **Orofacial development and Function, 1.5 hp** The module intends to provide basic knowledge on the orofacial development from an embryonic level and different oral motor functions. General knowledge is also provided on dental treatment and reconstructive plastic surgery of craniofacial abnormalities.

## **Teaching methods**

Lectures and seminar (possible compulsory parts are stated in the schedule). In case of absence from a compulsory part, the student is responsible for contacting the course coordinator for complementary assignment.

The course coordinator decides how absence from compulsory course elements can be made up. Study results cannot be reported until the student has participated in compulsory course elements or compensated for any absence in accordance with instructions from the course coordinator. Absence from a compulsory course element could mean that the student can not retake the element until the next time the course is offered.

## **Examination**

### **Neuropediatrics, Child and Adolescent Psychiatry, 3 credits**

Written presentation of distributed assignment that is discussed at a final seminar.

### **Orofacial development and function, 1.5 credits**

Written examination

The written examination is corrected anonymously (using an identification number for each student). Students who do not pass the written examination are entitled to re-sit the examination on five more occasions, the first of which within fourteen days after the notification of the result of the exam. The third re-examination is the following regular examination session in the course. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is

regarded as an examination. In case a student is registered for an examination but does not attend, this is not regarded as an examination.

## Transitional provisions

Examination may take place under the previous reading list during a period of one year after the date of the renewal of the reading list. Examination will be provided during a period of two years after a close-down of the course.

## Other directives

A course evaluation will be carried out in accordance with the guidelines that are established by the Board of Education.

## Literature and other teaching aids

### Mandatory literature

*Gillberg, C*

**The ESSENCE in child psychiatry: Early Symptomatic Syndromes Eliciting Neurodevelopmental Clinical Examinations**

2010 Ingår i:

**Research in developmental disabilities.**

New York : Pergamon, 1987-

LIBRIS-ID:9034297

URL: [Table of Contents / Abstracts](#)

31 (2010) :6, s. 1543-1551

### Barn med funktionsnedsättning

*Lagerkvist, Bengt; Lindgren, Carl*

1. uppl. : Lund : Studentlitteratur, 2012 - 382 s.

ISBN:978-91-44-07187-9 LIBRIS-ID:13535642

[Library search](#)

*Axén, Methe m.fl.*

**ADHD, lindrig utvecklingsstörning och autismspektrumtillstånd hos barn, ungdomar och vuxna**

Stockholm : Stockholms läns landsting, 2010 - 159 s.

ISBN:91-85211-73-7 LIBRIS-ID:11907964

URL: [REGIONALT VÅRDPROGRAM. ADHD, lindrig utvecklingsstörning och autismspektrumtillstånd hos barn, ungdomar och vuxna](#)

URL:

[https://www.1177.se/Dokument/Stockholms\\_lan/Regionala%20vardprogram/RV\\_ADHD\\_webbversion.pdf](https://www.1177.se/Dokument/Stockholms_lan/Regionala%20vardprogram/RV_ADHD_webbversion.pdf)

[Library search](#)

*Howard, Sara.; Lohmander, Anette.*

**Cleft palate speech : assessment and intervention**

Chichester, West Sussex, UK : John Wiley & Sons, 2011.

ISBN:978-0-470-74330-0 (pbk.) LIBRIS-ID:12293019

[Library search](#)

*Hartelius, L.; Nettelbladt, U.; Hammarberg, B.*

## **Logopedi**

1. uppl. : Lund : Studentlitteratur, 2008 - 540 s.

ISBN:978-91-44-03886-5 (inb.) LIBRIS-ID:10352718

[Library search](#)

*Groher, ME.*

## **Dysphagia - Clinical management in adults and children**

1ed. Mosby Elsevier. ISBN: 978-0-323-05298-6, 2011