



**Karolinska
Institutet**

Course syllabus for

Neuro-optometry, 7.5 credits

Neurooptometri, 7.5 hp

This course syllabus is valid from autumn 2012.

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

Autumn2012 , Spring2017 , Autumn2022

Course code	3OP010
Course name	Neuro-optometry
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Optometry
Level	AV - Second cycle
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Clinical Neuroscience
Decided by	Programnämnd 8
Decision date	2012-05-08
Course syllabus valid from	Autumn 2012

Specific entry requirements

Degree of Bachelor of Science in Optometry about 180 credits and professional status qualification as optician with contact lens qualification. Or Nurse degree of at least 180 credits, professional status qualification as nurse and 60 credits supplementation within eye care. Knowledge in Swedish and English equivalent Swedish B and English A (with lowest grade Passed).

Objectives

After the course, the student should be able to:

- 1) describe and analyse neurological changes that can give visual disturbance/changes and give symptoms related to the higher neurological functions, and
- 2) use tests and evaluate test results of neurological functions related to eye vision.

Content

The course contains the following parts: Headache, changes to the fundus, visual field defects and visual perception disturbances, pupil defects, abnormal eye movements, transient low vision and head- and

facial pain with eye/vision manifestations.

The course is divided into two (2) parts:

Assignments, 2.5 hp Included passed written assignments. **Theoretical Understanding, 5 hp**

Comprises a theoretical understanding and application of the subject-specific contents of the course.

Teaching methods

The course includes labs, exercises, a theoretical overview and demonstrations. The theoretical overview is thought through different tuition forms (Case methodology, lectures etc). The students are given a possibility to train practical skills but must take a great responsibility themselves.

Examination

The examination comprises:

- 1) Assignments. Examining the aims 1 and 2.
- 2) Written/Oral examination. The written/oral tests examine the aims 1 and 2.

All assignments must be completed and passed. The part is graded according to the scale Fail/Pass.

The part Theoretical understanding is examined through written/oral examinations. The part is graded according to the scale Failed/Passed/Passed with distinction.

The whole course is graded according to the scale Failed/Passed/Passed with distinction. For the overall mark of Pass both the parts must be Passed. For the overall mark of Pass with distinction assignments needs to be passed, and the written/oral exam to be passed with distinction.

A student who fails the regular examination has the right to participate at additional five examinations. If the student has failed six examinations/test no additional examination will be offered. As an examination, the times that the student has participated the same test are counted. Submission of blank exam is counted as an examination. Examination to which the student has registered but not participated in is not counted as an examination.

Transitional provisions

If the course is closed down or undergoes major changes, students who have not completed the course are given the possibility, during four semesters from the date when the student first registered in the course, to be examined under the then current syllabus. After four semesters, the student is examined under the new syllabus.

Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Board of Higher Education.

Teaching in English can occur.

Literature and other teaching aids

Bynke, Hans G.

Neuro-oftalmologi

3., [rev. och utvidgade] uppl. : Lund : Studentlitteratur, 1996 - 156 s.

ISBN:91-44-00080-4 (korr.) ; 220:00 LIBRIS-ID:8352505

[Library search](#)

Walsh, Frank Burton; Hoyt, William Fletcher

Walsh and Hoyt's clinical neuro-ophthalmology : the essentials

Miller, Neil R.

2nd ed. : Philadelphia, PA : Lippincott Williams & Wilkins, c2008. - 539 s.

ISBN:978-0-7817-6379-0 LIBRIS-ID:11304746

[Library search](#)