Course syllabus for

**Neuro-optometry, 7.5 credits**

Neurooptometri, 7.5 hp

This course syllabus is valid from autumn 2008.
Please note that the course syllabus is available in the following versions:
Autumn2008, Autumn2010

<table>
<thead>
<tr>
<th>Course code</th>
<th>3OP000</th>
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<tbody>
<tr>
<td>Course name</td>
<td>Neuro-optometry</td>
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<tr>
<td>Credits</td>
<td>7.5 credits</td>
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<tr>
<td>Form of Education</td>
<td>Higher Education, study regulation 2007</td>
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<tr>
<td>Main field of study</td>
<td>Optometry</td>
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<tr>
<td>Level</td>
<td>AV - Second cycle</td>
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<tr>
<td>Grading scale</td>
<td>Fail (U), pass (G) or pass with distinction (VG)</td>
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<tr>
<td>Department</td>
<td>Department of Clinical Neuroscience</td>
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<tr>
<td>Decided by</td>
<td>Programnämnden för Optikerprogrammet</td>
</tr>
<tr>
<td>Decision date</td>
<td>2008-04-23</td>
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**Specific entry requirements**

Qualification in Optometry of 180 credits and professional status qualification as an optician with contact lens qualification. Or Bachelor of Science in Nursing of at least 180 credits, professional status qualification as a nurse and supplementation of 60 credits in eye care. Knowledge in Swedish and English equivalent to Swedish B and English A (with at least the Pass grade).

**Objectives**

After the course, the student should: 1) describe and analyse neurological changes that may cause visual disorders/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, eye-ground changes, visual field defects and higher visual disorders, pupillary disorders, abnormal eye movements, transient low vision, and ache in head and face with eye manifestations. For the detailed contents, see the subject list of the course. The course is divided in three parts: 1) Clinic - 2.5 credits (Clinical work - 2.5 ECTS credit). Clinical work comprises attendance in compulsory demonstrations, exercises and clinical work. 2) Assignments - 2.5
Clinical work, 2.5 hp

Grading scale : VU

Clinical work comprises attendance in compulsory demonstrations, exercises and clinical work.

Assignments, 2.5 hp

Grading scale : VU

Comprises submission and presentation of group assignment.

Theoretical understanding, 2.5 hp

Grading scale : VU

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

Teaching methods

The course is initiated with self-study, exercises, a theoretical overview and demonstrations. The theoretical overview is made through different tuition forms (Case methodology, whole-group lectures etc). The students are given a possibility to train practical skills but must take a great responsibility themselves.

Examination

The examination comprises: 1) Clinical examination. Examines the aims 1 and 2. 2) Assignments. Examines the aims 1 and 2. 3) Written/Oral examination. The written/oral examinations examines the outcomes 1 and 2. In the part Clinical work, attendance is required at demonstrations, exercises and clinical work, and practical test in neurological examination technique. In case of absence from demonstrations, exercises and clinical work, compensation is discussed with course the director. The part is graded according to the scale Fail/Pass/Pass with distinction. In this part Assignments, a presentation and approval of the group assignment are required. 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. For admission to the examination in Theoretical understanding, it is required that the part Assignments are submitted and that supplementation of the part Clinic is completed. The whole course is graded according to the scale Failed/Passed/Passed with distinction. A Pass grade requires that all the parts are passed A Pass with distinction requires a Pass in part 2, and a Pass with distinction in parts 1 and 3. Criteria for grading the parts of the course are established in separate documents. When a student fails an examination, there will be an opportunity for a new examination. All in all, 6 opportunities for a new examination are provided for all parts.
Other directives

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

Literature and other teaching aids

Bynke, Hans G.
Neuro-oftalmologi
ISBN:91-44-00080-4
Library search