Course syllabus for

**Diagnostic Aspiration Cytology, 6 credits**  
Diagnostisk aspirationscytologi, 6 hp

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

<table>
<thead>
<tr>
<th>Course code</th>
<th>3CY005</th>
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<tr>
<td>Course name</td>
<td>Diagnostic Aspiration Cytology</td>
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<tr>
<td>Credits</td>
<td>6 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>Diagnostic Cytology</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 Laboratory Medicine</td>
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<tr>
<td>Decided by</td>
<td>Programnämnden för Biomedicinska analytikerprogrammet</td>
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<tr>
<td>Decision date</td>
<td>2008-05-14</td>
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<td>Revised by</td>
<td>Education committee LABMED</td>
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<tr>
<td>Last revision</td>
<td>2017-09-28</td>
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<td>Course syllabus valid from</td>
<td>Autumn 2008</td>
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**Specific entry requirements**

Qualification in biomedical laboratory science of 180 credits or Bachelor of Science in biomedical laboratory science of at least 180 credits. Furthermore, knowledge is required in Swedish and English equivalent to Swedish B and English A (with at least the Pass grade).

**Objectives**

On completion of the course, the student should (before working as a cytodiagnostician) have deepened knowledge, understanding and skills in practical work in the identification, classification of malignant and pre-malignant conditions in cell preparation in cytologic investigation of serous liquid, fine needle aspiration and other fields of application in cytology.

**Content**

The course covers embryology, anatomy and physiology in regions that include serous liquid and other organs where aspiration cytology is seen as a useful diagnostic method. Sampling techniques and the
diagnostic criteria that are used in the study of these tests will be covered. The main emphasis will be on tumour diagnosis, but other conditions such as infections and inflammations will also be covered. The practical parts will focus on developing the ability to diagnose cell samples from clinical materials with microscope. The course is divided into two parts.

Practical work - microscopy, 4 hp
Through microscopies with already assessed preparations and new not assessed clinical material, the student should learn to analyse and diagnose cytologic samples.

Theory, 2 hp
Through exploration of a topic in cytology, the student should learn the context of the cytology.

Teaching methods
In the course, different teaching and learning strategies will be applied. These include lectures, group assignments, seminars, participant presentations, laboratory sessions and Problem-Based Learning (Problems Based Learning, PBL). Time for microscopy and case discussions by means of microscopes will be given special importance. The group identity and participation in the presentations of PBL-cases, patient cases etc require a high grade of attendance.

Examination
Part 1 is examined through a practical test (preparation tests). Part 2 is examined through a written report and oral presentation.

Transitional provisions
The course has been cancelled.

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

Literature and other teaching aids

McKee, Grace T.
Cytopathology
London : Mosby-Wolfe, 1997 - x, 374 p
ISBN:0-7234-2449-7  LIBRIS-ID:8302880
Library search

McKee, Grace T.
Diagnostic cytopathology
Gray, Winifred
ISBN:0-443-06473-3  LIBRIS-ID:9425830
Library search
Churg, Andrew; Cagle, Philip T.; Roggli, Victor L.

Tumors of the serosal membranes


Library search

Koss, Leopold G.; Melamed, Myron R.; Koss, Leopold G.t Diagnostic cytology and its histopathologic bases.

Koss' diagnostic cytology and its histopathologic bases.n 1


Library search

Koss, Leopold G.; Melamed, Myron R.; Koss, Leopold G.t Diagnostic cytology and its histopathologic bases.

Koss' diagnostic cytology and its histopathologic bases.n 2


Library search