



Course syllabus

Faculty of Health and Life Sciences
Department of Health and Caring Sciences

1MC620 Människans sjukdomar III, 7,5 högskolepoäng
Human illnesses III, 7.5 credits

Main field of study

Medical Science

Subject Group

Medicine

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved 2011-06-15

Revised 2013-06-26 by Department of Health and Caring Sciences.

The course syllabus is valid from spring semester 2014

Prerequisites

Following courses or equivalent:

Human Anatomy and Physiology incl. microbiology I, 7.5 credits

Human Anatomy and Physiology II, 7.5 credits

Objectives

On completion of the course, students should be able to:

- describe the connection between pathophysiology, symptom, diagnosis and treatment of medical, surgical and complex diseases
- account for emergency care during trauma and acute medical conditions
- problematize the importance of prevention for limiting the development of diseases and rise of complications
- problematize contexts in relation to people who are living with multiple diseases
- communicate multiple disease manifestations, treatments and consequences to people who have, and do not have, special knowledge within the field

Content

- Specific pharmacology
- Blood diseases
- Gastrointestinal disorders
- Renal diseases and transplantation
- Tumors
- Metabolic syndrome

- Trauma and acute medical conditions
- Patients suffering from multiple diseases
- Prevention

Obligatory elements are specified in the course schedule.

Type of Instruction

Individual studies

Lectures

Seminars

Application exercises

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The course is examined with individual written examinations and/or seminars. In order to receive the grade of pass, all expected learning outcomes must be achieved. In order to receive a grade of pass with credit, students must receive the grade of pass with credit on all written examinations. A resit examination is offered according to local rules for examinations (Dnr: HL/2009-0283). Students at Linnaeus University can, at request, receive their grades in ECTS credits, according to the ECTS-scale. This re-request should be made at the introduction of the course.

Course Evaluation

A written evaluation is carried out and compiled in a report, which is archived at the institution. The results, along with possible measures taken, are reported to the students the next time the course is given.

Required Reading and Additional Study Material

Braun, C A. & Anderson C M. *Patofysiologi*. Lund: Studentlitteratur, 2012, 532 pages.

Ericson, E. & Ericson, T. *Medicinska sjukdomar*. Lund: Studentlitteratur, 2012, 752 pages.

Hokland, B. & Madsen, S. *Klinisk kemi och fysiologi*. Stockholm: Natur och kultur, latest edition, part of book, 100 pages.

Melhus, Å. *Klinisk mikrobiologi för sjuksköterskor*. Stockholm: Nordstedts, latest edition, part of book, 50 pages.

Simonsen, T. & Aarbakke, J. *Illustrerad farmakologi 1: Principer och tillämpningar*. Stockholm: Natur och kultur, latest edition, part of book, 60 pages.

Simonsen, T. Aarbakke, J. & Hasselström, J. *Illustrerad farmakologi 2: Sjukdomar och behandling*. Stockholm: Natur och kultur, latest edition, part of book, 100 pages.

Wikström, J. *Akutsjukvård*. Lund: Studentlitteratur, latest edition, part of book, 100 pages.

Also included are web-based material and scientific articles within the subject of medical sciences.