



## 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 2014-06-17 by Faculty of Health and Life Sciences.

The course syllabus is valid from autumn 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.

Järhult, K. & Offenbartl, K. *Kirurgiboken*. Stockholm: Liber, senaste upplagan, del av bok, 250 sidor.

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.