



## 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**

Medicine

### **Level**

First cycle

### **Progression**

G1F

### **Date of Ratification**

Approved 2011-06-15.

Revised 2018-05-23. Changed entry requirements. The number of examination opportunities were changed from two to three.

The course syllabus is valid from autumn semester 2018.

### **Prerequisites**

Following courses or equivalent:

Human Anatomy and Physiology incl. Microbiology 15 credits

### **Objectives**

After completing the course, the student should be able to:

- describe the relationship between pathophysiology, symptoms, diagnosis, and treatment, including specific pharmacology, for medical, surgical, and complex diseases
- describe and explain acute care in trauma and emergency medical conditions

- problematise the significance of prevention in limiting disease progression and the onset of complications
- problematise the challenges of living with multiple diseases with consideration for each individual's specific circumstances
- communicate multiple disease manifestations, treatments, and consequences with individuals who have and do not have specialised knowledge in the field.

## Content

- Specific pharmacology
- Blood diseases
- Gastrointestinal diseases
- Renal diseases including transplantation
- Tumour diseases
- Metabolic syndrome
- Trauma and emergency medical conditions
- The multi-morbid patient
- Prevention
- Palliative care
- Geriatrics

## Type of Instruction

- Individual work
- Lectures
- Seminars
- Practical exercises

## Examination

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

The course is examined through two written examinations – Human diseases, 4.5 credits, and Traumatology and specific pharmacology 2.5 credits – and active participation in a mandatory seminar on the metabolic syndrome (0.5 credits, specified in the course timetable). The final course grade is issued only when all examination elements have been approved. For a passing grade, this grade is required for all three examination elements. A Pass with Distinction requires this grade is for both of the written examination elements and a passing grade for the mandatory seminar.

## Course Evaluation

During or shortly after the course, a course evaluation is conducted. The result and analysis of the course evaluation should be communicated to the students who have taken the course, and to students who are taking the course when it is offered the next time. The course evaluation is anonymous.

## Required Reading and Additional Study Material

### Required Reading

Braun, CA., & Anderson CM. (2012). *Patofysiologi*. Lund: Studentlitteratur (532 pp.).

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

pp).

Hokland, B., & Madsen, S. (2000). *Klinisk kemi och fysiologi* (2nd ed.). Stockholm: Natur och kultur, (in selection, 100 pp).

Järhult, K., & Offenbartl., K. (2013). *Kirurgiboken* (5th ed.). Stockholm Liber, (in selection, 250 pp).

Melhus, A. (2013). *Klinisk mikrobiologi för sjuksköterskor* (2nd ed.). Stockholm: Nordstedts, (in selection, 50 pp).

Larsson, M., & Rundgren, A. (2010). *Geriatriska sjukdomar* (3rd ed.). Lund: Studentlitteratur, (in selection, 160 pp).

Läkemedelsboken [www.lakemedelsboken.se](http://www.lakemedelsboken.se)

Simonsen, T. & Aarbakke, J. *Illustrerad farmakologi 1: Principer och tillämpningar*. Stockholm: Natur och kultur, the latest edition, in selection, 60 pp.

Simonsen, T. Aarbakke, J. & Hasselström, J. *Illustrerad farmakologi 2: Sjukdomar och behandling*. Stockholm: Natur och kultur, the latest edition, in selection, 100 pp.

Wikström, J. (2012). *Akutsjukvård* (2nd ed.). Lund: Studentlitteratur in selection, 100 pp.

### **Additional Study Material**

Web-based material and research articles in medical science