



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 2021-02-22 by Faculty of Health and Life Sciences.

The course syllabus is valid from spring semester 2021

Prerequisites

General entry requirements and Civics 1b / 1a1 +1a2, Mathematics 2a / 2b / 2c, Science studies 2 or Civics A, Mathematics B, Science studies B (Field-specific entry requirements 16/A14). Following courses or equivalent:

Human Anatomy and Physiology incl. microbiology 15 credits

Objectives

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

- describe the connection between pathophysiology, symptom, diagnosis and treatment, including specific pharmacology, 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
- Palliative care
- Geriatrics

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 two written exams; Human diseases and Traumatology 5 hp and specific pharmacology 2 hp together with an active participation in a compulsory seminar, 0,5 hp. The final grade is issued only when all examinations are passed. For the grade Pass this grade is required for all three examinations. For the grade Pass with distinction, this grade is required for both written examinations together with the grade Pass at the examining seminar.

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. (2012). *Patofysiologi*. Lund: Studentlitteratur, (532 p).

Ericson, T. & Lind, M. *Medicinska sjukdomar*. Lund: Studentlitteratur, 2020, 789 pages.

Hokland, B., & Madsen, S. (2000). *Klinisk kemi och fysiologi* (2. ed.). Stockholm: Natur och kultur, (part of book, 100 p).

Järhult, K., & Offenbartl, K. (2013). *Kirurgiboken* (5. ed.). Stockholm: Liber, (part of book, 250 p).

Melhus, Å. (2013). *Klinisk mikrobiologi för sjuksköterskor* (2. ed.). Stockholm: Nordstedts, (part of book, 50 p).

Larsson, M., & Rundgren, Å. (2010) *Geriatriska sjukdomar* (3. ed.). Lund: Studentlitteratur, (part of book, 160 p).

Läkemedelsboken. <http://www.lakemedelsboken.se>

Simonsen, T., & Aarbakke, J. (2016). *Illustrerad farmakologi 1: Principer och tillämpningar* (4. ed.). Stockholm: Natur och kultur, (part of book, 60 p).

Simonsen, T., Aarbakke, J., & Hasselström, J. (2016). *Illustrerad farmakologi 2: Sjukdomar och behandling* (4. ed.). Stockholm: Natur och kultur, (part of book, 100 p).

Wikström, J. (2012). *Akutsjukvård* (2. ed.). Lund: Studentlitteratur, (part of book, 100 p).

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