



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

G1N

Date of Ratification

Approved 2011-06-15.

Revised 2025-02-03. Revision of course literature.

The course syllabus is valid from spring semester 2025.

Prerequisites

General entry requirements + Mathematics 2a alt. Mathematics 2b alt. Mathematics 2c, Science studies 2 and Civics 1b alt. Civics 1a1 +1a2. 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

- Blood diseases
- Geriatrics
- Gastrointestinal disorders
- Metabolic syndrome
- Specific pharmacology
- Patients suffering from multiple diseases
- Palliative care
- Prevention
- Trauma and acute medical conditions
- Tumors
- Renal diseases and transplantation

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.

Objectives achievement

The examination of the course is divided as follows:

Module 2401 Specific pharmacology 2.0 credits with the grading system UV

Module 2402 Human Illnesses 5.0 credits with the grading system UV

Module 2403 The Metabolic syndrome 0.5 credits with the grading system UG

The examination elements are linked to the course objectives in the following ways:

Module 2401 links to the course objectives: A.3

Module 2402 links to the course objectives: A.1, A.2, B.1, B.2, C.1, C.2

Module 2403 links to the course objectives: A.1, A.3, B.1, B.2, C.1, C.2

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. & Anderson, C. (2012). *Patofysiologi*. Studentlitteratur, (532 p). ISBN: 9789144053479

Ericson, T., & Lind, M. (2020). *Medicinska sjukdomar*. (5th ed.). Studentlitteratur, (789 p). ISBN: 9789144133058

Järhult, K., & Offenbartl, K. (2019). *Kirurgiboken*. (6th ed). Liber, (part of book 250 p). ISBN: 9789147127733

Thoresen, H., & Simonsen, T. (2021). *Illustrerad farmakologi*. Studentlitteratur, (472 p). ISBN: 9789144139753

Wahlund, L. (2020). *Geriatriboken*. Liber, (407 p). ISBN: 9789147113460

Regionala cancercentrum i samverkan. (2023-05-30). Nationellt vårdprogram palliativ vård. <https://kunskapsbanken.cancercentrum.se/diagnoser/palliativ-varld/vardprogram/>

In addition, web-based material and articles within the subject of medical science are added, approx. 10–15 pages.