



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 2025-05-19. Seminars and web-based tests have previously been mandatory components of the course, but are now converted into examination components and receive 1.0 and 0.5 credits.

The course syllabus is valid from autumn 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 through two individual written exams, as well as an oral and written group examination on the Metabolic Syndrome, seminars, and web-based tests. In order to receive the grade Pass, the student must achieve this grade on both written exams, the Metabolic Syndrome examination, seminars, and web-based tests. In order to receive the grade Pass with Distinction, the student must achieve this grade on the Specific Pharmacology and Human Diseases examinations, as well as a Pass on the Metabolic Syndrome examination, seminars, and web-based tests.

The final grade for the course is issued only when all examination components have been successfully completed.

Resit examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to adapt the exam or to let the student conduct the exam in an alternative way.

Objectives achievement

The examination of the course is divided as follows:

Module 2501 Specific pharmacology 1.5 credits with the grading system UV
Module 2502 Human Illnesses 4.0 credits with the grading system UV
Module 2503 The Metabolic syndrome 0.5 credits with the grading system UG
Module 2504 Seminars 1.0 credits with the grading system UG
Module 2505 Webbttest 0.5 credits with the grading system UG

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

Module 2501 links to the course objectives: A.3

Module 2502 links to the course objectives: A.1, A.2, B.1, B.2, C.1, C.2

Module 2503 links to the course objectives: A.1, A.3, B.1, B.2, C.1, C.2

Module 2504 links to the course objectives: B.1, B.2, C.1, C.2

Module 2505 links to the course objectives: A.1, A.2, A.3

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 s). ISBN: 9789144053479

Ericson, T., & Lind, M. (2020). *Medicinska sjukdomar*. (5. uppl.). Studentlitteratur, (789 s). ISBN: 9789144133058

Järhult, K., & Offenbartl, K. (2019). *Kirurgiboken*. (6. uppl.). Liber, (del av bok 250 s). ISBN: 9789147127733

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

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

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