Linnæus University

Dnr: LNU-2023/1876

Course syllabus

Faculty of Health and Life Sciences

Department of Health and Caring Sciences

1MC615 Människans sjukdomar II, 7,5 högskolepoäng
1MC615 Human Illnesses II, 7.5 credits

Main field of study
Medical Science

Subject Group
Medicine

Level of classification
First Level

Progression
G1N

Date of Ratification
Approved 2011-06-15
Revised 2023-09-04 by Faculty of Health and Life Sciences.
The course syllabus is valid from spring semester 2024

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

Objectives

Knowledge and understanding
After completing the course, the student should be able to:

- A.1 explain the relationship between etiology, pathophysiology, symptoms, diagnostics, and treatment for the most common diseases and conditions within different clinical specialties
- A.2 describe the specific pharmacology of different diagnoses.

Competence and skills

- B.1 explain the consequences of diseases for individuals in different life situations
- B.2 describe and apply fundamental concepts in medical science and discuss how they can be communicated in professional dialogue
- B.3 apply drug dosage calculations.

Judgement and approach

- C.1 assess the occurrence of complications in different clinical specialties
- C.2 evaluate the significance of prevention in limiting disease progression.

Content

The course is the second of three courses focusing on human diseases. It builds upon knowledge gained from the courses in microbiology and human anatomy and physiology. The course provides foundational knowledge and understanding of commonly occurring diseases and conditions across various clinical specialties. It also includes drug dosage calculations, which is a progression from previously acquired knowledge in this area.

The following areas are included:

- General neurology
- Gynaecology/obstetrics
- Infectious diseases
- Neurological disorders
- Orthopaedics
- Paediatrics
- Prevention
- Psychiatry
- Rheumatology
- Stroke
- Eye diseases
- Ear, nose, and throat diseases
- Specific pharmacology
- Drug dosage calculations.

Type of Instruction

The teaching methods used in the course provide an opportunity for students to take active responsibility for their learning. Some of the instruction will be conducted via a learning platform. Participation in seminars and online tests, conducted through the learning platform is mandatory. The teaching methods that will be used are:

- individual work
- lectures
- seminars
- online tests.

Examination

The examination of the course is divided as follows:

Code	Designation	Grade	Credits
2401	Drug calculation	U/G	1,00
2402	Specific pharmacology	U/G/VG	1,00
2403	Human diseases	U/G/VG	5,50

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

The course is examined through three individual written exams.
The grading criteria for the course, that is, the basis for grading, consist of three individual written exams, seminars, and online tests.

To achieve a Pass, this grade is required for the course's three examinations. To achieve a Pass with Distinction, this grade is required for the 'Specific Pharmacology' element and the 'Human Diseases' element, along with a Pass for the 'Drug Calculations' element.

The final grade for the course is awarded once the examination tasks have been approved and the mandatory components have been completed. The course's mandatory components can be substituted with other assignments, subject to the examiner's decision.

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.

In the event that a student with a disability is entitled to special study support, the examiner will decide on adapted or alternative examination arrangements.

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

Objectives achievement

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

Goal	2401	2402	2403

Course Evaluation

Course evaluation should be conducted during or shortly after the course. Its results and analysis should be promptly communicated to the students who have taken the course. Students participating in the next course instance should be informed of the results of the previous course evaluation and any improvements that have been made, no later than at the start of the course.

Required Reading and Additional Study Material

Allgulander, C. (2019). *Klinisk psykiatri*. (4th ed.), Studentlitteratur,.(in selection, 185 pp.). ISBN: 9789144123707

Braun, C. & Anderson, C. (2012). *Patofysiologi*. Studentlitteratur, (in selection, 70 pp.). ISBN: 9789144053479

Borgfeldt, C. (2019). *Obstetrik och gynekologi*. (5th ed.). Studentlitteratur. (in selection, 350 pp.). ISBN: 9789144111681

Ericson, T., & Lind, M. (2020). *Medicinska sjukdomar*. (5th ed.). Studentlitteratur, (in selection, 350 pp.). ISBN: 9789144133058

Hagren, B. (2016). *Läkemedelsräkning med interaktiva övningsuppgifter*. (3rd ed.). Studentlitteratur. (24 pp.). ISBN: 9789144101484

Hallström, I. & Lindberg, T. (2015). *Pediatrisk omvårdnad.* Liber, (in selection, 50 pp.). ISBN: 9789147115099

Järhult, K., & Offenbartl, K.(2019). *Kirurgiboken*. (6th ed.). Liber, (in selection, 70 pp.). ISBN: 9789147127733

Thoresen, H., & Simonsen, T. (2021). *Illustrerad farmakologi.* Studentlitteratur, (in selection, 70 pp.). ISBN: 9789144139753

Web-based material and research articles in the field of medical science. Approx. 10–15 pages.