



Course syllabus

Faculty Board of Health, Social Work and Behavioral Sciences
School of Health and Caring Sciences

1MC605 Människans anatomi och fysiologi II, 7,5 högskolepoäng
Human Anatomy and Physiology II, 7.5 credits

Main field of study

Medical Science

Subject Group

Medicine

Level of classification

First Level

Progression

GIN

Date of Ratification

Approved by the Board of the School of Health and Caring Sciences 2011-06-15

Revised 2012-11-09

The course syllabus is valid from spring semester 2013

Prerequisites

General entry requirements and Civics A, Mathematics B, Science studies B or Civics 1b / 1a1 +1a2, Mathematics 2a / 2b / 2c, Science studies 2.

Objectives

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

- describe the anatomical structure of the human body
- describe the human body on the basis of a fundamental physiological perspective
- account for the human body from a holistic perspective
- communicate medical concepts

Content

The human body as an anatomical and physiological whole in its environment with focus on the following aspects;

- the circulatory system
- the respiratory system
- the digestive system including metabolism
- the excretory system
- fluid, electrolyte and acid-base balance
- reproduction and sexuality

Type of Instruction

Teaching is in the form of:

- individual work
- group work
- lectures
- seminars
- laboratory work

Teaching will be carried out to some extent via LMS (Learning Management System). The course contains training elements for developing skills, abilities and attitudes. Obligatory elements are specified in the course schedule.

Examination

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

The course is examined with individual written examinations and seminars. In order to receive the grade of pass, all expected learning outcomes must be achieved. Students at Linnaeus University can, at request, receive their grades in ECTS credits, according to the ECTS-scale. This re-quest should be made at the introduction of the course. A resit examination is offered according to local rules for examinations on first-level and advanced level at Linnaeus University (Dnr: HL/2009-0283).

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

Haug, E., Bjålie, J., Sand, O. & Sjaastad, Ö.V. (Senaste uppl.). *Arbetsbok till Människokroppen*. Stockholm: Liber.

Haug, E., Bjålie, J., Sand, O. & Sjaastad Ö.V. (Senaste uppl.). *Människokroppen*. Stockholm: Liber.

Henriksson E. & Lennemark I. (Senaste uppl.). *Värt att veta om vätskebalans*. Uppsala: Fresenius Kabi AB.

Henriksson, O. & Rasmusson, M. (Senaste uppl.). *Fysiologi med relevant anatomi*. Studentlitteratur AB.

Johansson U. (Senaste uppl.). *Näring och hälsa*. Lund: Studentlitteratur.

Vigué-Martin, J. & Dunder, K. (Senaste uppl.). *Atlas över människokroppen*. Stockholm: Liber.

Also included are scientific articles.