

**SYLLABUS**

# **Basic anatomy and physiology for the musculoskeletal system 7.5 credits M0105H**

**Grundläggande anatomi och fysiologi för rörelseapparaten**

**Course syllabus admitted: Autumn 2021 Sp 2 - Present**

**DECISION DATE  
2021-08-10**

# Basic anatomy and physiology for the musculoskeletal system 7.5 credits M0105H

## Grundläggande anatomi och fysiologi för rörelseapparaten

### First cycle, M0105H

Education level	Grade scale	Subject	Subject group (SCB)
First cycle	U G VG	Medicinsk vetenskap	Medicine

## Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language

## Selection

The selection is based on final school grades or Swedish Scholastic Aptitude Test.

## Examiner

Anitha Risberg

## Course Aim

- Account for anatomical terms and nomenclature
- Reflect on how the different organ systems interact and affect each other during rest and activity
- Conduct a rudimentary analysis of movement and understand and apply functioning anatomy
- Evaluate other individual projects and evaluate the quality of the work on anatomical structures

## Contents

- The anatomy and physiology of the movement organs, especially the construction and function of the skeletal muscles, and the interaction with other organ systems.
- Functional anatomy
- Swedish and Latin nomenclature

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Lessons are conducted by individual remote study of literature, 3D anatomy programs, laboratory work on the musculoskeletal system and compulsory seminars. The lessons include reflection, evaluating others' progress and giving each other feedback.

Lessons take place through the web based learning platform Canvas and the seminars are broadcasted by ZOOM.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Examination of Objective 1 takes place through compulsory quizzes and graded seminars (module 2). Objective 2 is examined through a written take-home exam (module 4). Objective 3 is presented through a video recording (module 3). Objective 4 is conducted through written reflections on each other's work from the video recording (module 3). Criteria for grades G and VG are described on Canvas.

## Remarks

The course is given at an first-cycle level. Tutoring is available in the course room in Canvas.

## Literature. Valid from Autumn 2021 Sp 2

Henriksson, O., & Rasmussen, M. (2018) Fysiologi med relevant anatomi. Lund: Studentlitteratur.  
Wirhed, R. (2019). Anatomi med rörelselära och styrketräning. Bjursås: Harpoon publications AB.

### Referenslitteratur

Bojsen-Möller, F (2000 eller senare). Rörelseapparatens anatomi. Liber, Stockholm.

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0002	Oral seminars and written assignments	U G#	3.5	Mandatory	A20	
0003	Video recording	U G VG	1	Mandatory	A21	
0004	Written individual examination	U G VG	3	Mandatory	A21	

## Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2021-08-10

## Syllabus established

by Dean of Department of Health Sciences 2020-02-21