

SYLLABUS

Medical Science Anatomy/Physiology I in position to Physiotherapy 7.5 credits M0080H

**Medicinsk vetenskap Anatomi/Fysiologi I med inriktning mot
fysioterapi**

Course syllabus admitted: Autumn 2020 Sp 1 - Spring 2021 Sp 4

**DECISION DATE
2020-06-18**

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Medicinsk vetenskap Anatomi/Fysiologi I med inriktning mot fysioterapi

First cycle, M0080H

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 +

Swedish upper secondary school courses Sport and Health 1, Mathematics 2a/2b/2c, General Science 2, Social Studies 1b/1a1+1a2 (specifik entry A15).

Or:

Swedish upper secondary school courses Sport and health A, Mathematics B, General Science B, Social Studies A (specifik entry 17)

Selection

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

Examiner

Johanna Sundbaum

Course Aim

After completing the course, the student should be able to:

1. Account for basic human musculoskeletal anatomy.
2. Give an account of the human musculoskeletal anatomy.
3. Describe the human eukaryotic cell function
4. Describe nerve cells and nervous system Anatomy-Physiology and be able to examine simpler tendon reflexes.
5. Describe different types of tissues, its maturity, and aging.

Contents

- Latin nomenclature
- Explain the human musculoskeletal anatomy
- Laboration of the musculoskeletal system
- Cells and tissue Anatomy and Physiology
- Nervous system Anatomy and Physiology

Realization

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

The forms of teaching are individual work in the form of reading literature and working materials, lectures, group collaboration and laboratory reports. Students will be able to use the acquired knowledge with a view to their future professional role as physiotherapists e.g. by being able to identify anatomical structures and explore easier tendon reflexes.

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. The aim of the course is examined through a practical examination and through written individual exam of specific parts of the course.

Remarks

This is a first-cycle course. A Study Guide can be found in the virtual classroom in Canvas. A pass in this course is a prerequisite for Work Placement courses.

Overlap

The course M0080H is equal to M0024H, M0112H

The course is equivalent to M0024H.

Literature. Valid from Autumn 2015 Sp 1

Bojsen-Møller, F. (2000 or later). Rörelseapparatens anatomi. (1st. ed.) Stockholm: Liber.

Feneis, H., & Dauber, W. (2006 or later). Anatomisk bildordbok. (5th., extended ed.) Stockholm: Liber.

Lännergren, J., Westerblad, H., Ulfendahl, M. & Lundeberg, T. (2012). Fysiologi. (5., [rev.] ed.) Lund: Studentlitteratur.

Some material can be added

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Written exam - cell and tissue	U G VG *	1	Mandatory	A14	
0002	Written exam neuro - anatomy and physiology	U G VG *	3	Mandatory	A14	
0003	Written exam - movement system	U G VG *	3.5	Mandatory	A14	

Last revised

by 2020-06-18

Syllabus established

by Prefekt vid Inst för Hälsovetenskap 2014-06-29