



COURSE SYLLABUS

Pathophysiology related to Prosthetics and Orthotics, 7.5 credits

Pathophysiology related to Prosthetics and Orthotics, 7,5 högskolepoäng

Course Code:	HPOK19	Education Cycle:	Basic level
Confirmed by:	Utbildningsrådet Nov 28, 2017	Disciplinary domain:	Medicine
Valid From:	Mar 4, 2019	Subject group:	ME1
Version:	1	Specialised in:	G1F
Reg number:	2018/329 (313) Department of Natural Science and Biomedicine		

Intended Learning Outcomes (ILO)

Upon completion of the course the student should have the ability to:

Knowledge and understanding

Module 1: Orthopaedics, 5 credits

- describe common injuries and diseases related to the musculoskeletal system
- describe changes and consequences that follow from dysfunctions in the musculoskeletal system
- explain the consequences of different interventions for individuals who´ s experiencing dysfunction in the musculoskeletal system.

Module 2: Neurology, 2.5 credits

- describe common neurological injuries and diseases
- describe changes and consequences that follow from dysfunctions in the nervous system
- explain the consequences of different interventions for individuals who´ s experiencing dysfunction in the nervous system.

Contents

The course content consists of pathology, aetiology, diagnostics, treatment, progression and consequences related to:

- orthopaedic injuries and diseases
- neurological injuries and diseases
- internal medicine dysfunctions, mainly related to rheumatic arthritis, peripheral arterial disease and diabetes mellitus
- habilitation and rehabilitation aspects connected to treatment

Type of instruction

The course is implemented in the form of lectures and seminars.

The teaching is conducted in English.

Prerequisites

General entry requirements and completion the course Anatomy and Physiology, Basic Course, 7.5 credits (or the equivalent).

Examination and grades

The course is graded A, B, C, D, E, FX or F.

Examination of the course will be conducted by a written exam for each module, 1 and 2. Remaining examinations will be written individual examinations and group seminar.

A university lecturer serves as the course examiner.

Registration of examination:

Name of the Test	Value	Grading
Orthopaedics	5 credits	A/B/C/D/E/FX/F
Neurology	2.5 credits	A/B/C/D/E/FX/F
Group seminar	0 credits	U/G

Course literature

Hamblen, D. J., & Simpson, H.R.W. (2010). *Adams´ s outline of orthopaedics*. Edinburgh: Elsevier.

Iian, W., & Graham, L. (2005). *Essential Neurology*. Malden: Blackwell publishing.

Latest edition of the course literature shall be used.