



## KURSPLAN

# Pathophysiology related to Prosthetics and Orthotics, 7,5 högskolepoäng

*Pathophysiology related to Prosthetics and Orthotics, 7.5 credits*

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<b>Kurskod:</b>	HPOK19	<b>Utbildningsnivå:</b>	Grundnivå
<b>Fastställd av:</b>	Utbildningsrådet 2017-11-28	<b>Utbildningsområde:</b>	Medicinska området
<b>Reviderad av:</b>	Avdelningschef 2019-10-02	<b>Ämnesgrupp:</b>	ME1
<b>Gäller fr.o.m.:</b>	2020-01-20	<b>Fördjupning:</b>	G1F
<b>Version:</b>	2		
<b>Diarienummer:</b>	Avdelningen för naturvetenskap och biomedicin		

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## Lärandemål

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

### Kunskap och förståelse

#### *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.

## Innehåll

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

## Undervisningsformer

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

Undervisningen bedrivs på engelska.

### Förkunskapskrav

General entry requirements and completion the course Anatomy and Physiology, Basic Course, 7.5 credits (eller motsvarande kunskaper).

### Examination och betyg

Kursen bedöms med betygen A, B, C, D, E, FX eller 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.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Orthopaedics	5 hp	A/B/C/D/E/FX/F
Neurology	2,5 hp	A/B/C/D/E/FX/F
Group seminar	0 hp	U/G

### Kurslitteratur

Goodman, C., & Fuller, K. (2017). *Pathology for the physical therapist assistant (Second ed.)*.

Latest edition of the course literature shall be used.