



## COURSE SYLLABUS

# Prosthetics and Orthotics Introduction, 7.5 credits

*Prosthetics and Orthotics Introduction, 7,5 högskolepoäng*

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<b>Course Code:</b> HPIG18	<b>Education Cycle:</b> First-cycle level
<b>Confirmed by:</b> Utbildningsrådet Nov 27, 2017	<b>Disciplinary domain:</b> Medicine
<b>Revised by:</b> Utbildningsrådet Apr 9, 2024	<b>Subject group:</b> MT2
<b>Valid From:</b> Aug 19, 2024	<b>Specialised in:</b> G1N
<b>Version:</b> 5	<b>Main field of study:</b> Prosthetics and Orthotics

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### Intended Learning Outcomes (ILO)

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

#### Knowledge and understanding

- describe core competencies and the professional role of a prosthetist/orthotist and reflect upon their relevance for clinical practice in relation to other professional groups
- identify and describe laws and ethics influential to health and welfare in general and prosthetics and orthotics specifically
- describe the basic scope of prosthetics and orthotics in relation to the general Swedish health and welfare system
- describe basic scientific concepts and principles underlying evidence-based practice.

#### Skills and abilities

- recognise, understand and relate to academic integrity
- explore topics and apply appropriate search strategies to find evidence-based resources to resolve an enquiry
- act with a professional approach when interacting with others, and to have a special consideration for the ethical code of the profession
- discuss sustainability as a concept within health and welfare.

#### Judgement and approach

- demonstrate an appreciation for personal and professional integrity
- demonstrate an awareness of how one's own values and approach affects interaction with others
- reflect over the concept of ethics, and how the professional ethical code relates to other professions within health and welfare.

### Contents

- professional roles and responsibilities of prosthetist/orthotists in relation to other professionals
- developments in prosthetics and orthotics (technology, services and scope of practice)
- laws and ethics in prosthetics and orthotics clinical practice
- introduction to evidence-based practice and academic literature

- introduction to theory of science and scientific research methods
- scientific information and search strategies
- academic integrity

### Type of instruction

The course is implemented through lectures, case studies, written assignments, group tutorials and field studies.

The teaching is conducted in English.

### Prerequisites

General entry requirements. Proof of English proficiency is required.

### Examination and grades

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

Examination of the course will be based upon individual written assignment, group presentation, reflection seminar and clinical placement.

A university lecturer serves as examiner for the course.

Registration of examination:

Name of the Test	Value	Grading
Individual written assignment	3.5 credits	A/B/C/D/E/FX/F
Group presentation	1 credit	U/G
Reflection seminar	2 credits	U/G
Clinical Placement	1 credit	U/G

### Other information

Compulsory attendance at clinical placement studies to the minimum equivalent of 80% of full-time work.

### Course literature

Chui, K. C., Jorge, M., Yen, S. C., & Lusardi, M. M. (2019). *Orthotics and Prosthetics in Rehabilitation*.

E-Book. Elsevier Health Sciences.

The latest edition is recommended at all times.

Further reading will be provided by the course management.