



## 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:

| <b>Name of the Test</b>       | <b>Value</b> | <b>Grading</b> |
|-------------------------------|--------------|----------------|
| 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.