COURSE SYLLABUS

Prosthetics and Orthotics Introduction, 7.5 credits

Prosthetics and Orthotics Introduction, 7,5 högskolepoäng

Course Code:	HPIG18	**Education Cycle:**	First-cycle level
Confirmed by:	Utbildningsrådet Nov 27, 2017	**Disciplinary domain:**	Medicine
Revised by:	Director of Education May 6, 2019	**Subject group:**	MT2
Valid From:	Aug 26, 2019	**Specialised in:**	G1N
Version:	4	**Main field of study:**	Prosthetics and Orthotics
Reg number:	Department of Rehabilitation		

Intended Learning Outcomes (ILO)

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

Knowledge and understanding

- explain different perspectives on health and welfare
- describe core competencies of a prosthetist/orthotist and reflect upon their relevance for clinical practice
- describe the role of a prosthetist/orthotist as part of an interdisciplinary team and identify other professional roles within health and welfare
- describe major developments in orthotics and prosthetics, and the advancement of the profession
- identify and describe laws and ethics related to prosthetics and orthotics
- describe the main laws and directives regulating health and welfare
- describe the scope of the Swedish health and welfare system, as well as its organisation
- describe principles underlying evidence based practice.

Skills and abilities

- apply ethical reasoning
- recognise, understand and relate to academic integrity
- explore topics and apply appropriate search strategies to find academic resources to resolve an enquiry
- appropriately acknowledge, summarise and reference academic literature and sources of information
- show basic ability to act in a professional manner 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
- 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 include high school diploma and specific demand on Physics, Chemistry and Mathematics. 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 one individual written assignment, one group oral presentation based on a field study, group seminars and submission of personal reflection assignments.

A university lecturer serves as examiner for the course.

Registration of examination:

Name of the Test	Value	Grading
Individual written assignment	7.5 credits	A/B/C/D/E/FX/F
Group presentation	0 credits	U/G
Seminars and reflection assignments	0 credits	U/G

Course literature

Lusardi, M., & Nielsen, C. (2012). *Orthotics and Prosthetics in Rehabilitation*. St. Louis, Mo.: Elsevier Saunders.

Scientific articles will be added.