COURSE SYLLABUS

Prosthetics and Orthotics, Clinical Placement Studies, 15 credits

Prosthetics and Orthotics, Clinical Placement Studies, 15 högskolepoäng

Course Code:	HPCN10	**Education Cycle:**	First-cycle level
Confirmed by:	Utbildningsrådet Sep 18, 2018	**Disciplinary domain:**	Medicine
Valid From:	Sep 28, 2020	**Subject group:**	MT2
Version:	1	**Specialised in:**	G2F
		Main field of study:	Prosthetics and Orthotics

Intended Learning Outcomes (ILO)

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

Knowledge and understanding

- explain and justify different treatment options within the subject area
- show knowledge about the connection between science and proven experience and the relevance for the profession
- explain and critically evaluate the profession in relation to relevant rules and regulations and quality dimensions.

Skills and abilities

- collaborate with the client(s) in development of their management plan
- access correct information from the client, subjective and objective, to facilitate development of an appropriate management plan
- plan, explain and justify treatment goals and solutions with patients
- perform, document and evaluate the results of a prosthetic and orthotic intervention and reflect upon potential areas for improvement
- contribute to preventive care within prosthetics and orthotics
- use equipment, products and methods in accordance with occupational health and safety guidelines
- reflect upon client care in relation to quality dimensions.

Judgement and approach

- demonstrate professionalism in contact with clients and peers, ensuring that all interactions are made with respect, empathy, honesty and with consideration of cultural diversity, life situations and other factors that shape a person's identity with particular regard to human rights
- recognize core-competencies required to work as a clinical prosthetist/orthotist and reflect upon one's own personal competence.

Contents

- prosthetic and orthotic treatment options and solutions
- common manufacturing methods within prosthetics and orthotics
- organization and working methods within the profession
- quality and improvement within health and welfare
- the multi-disciplinary team
- patient centered care
- guidelines and regulations for professional and ethical practice

Type of instruction

The course is implemented through a supervised clinical placement.

The teaching is conducted in English.

Prerequisites

General entry requirements and completed courses (passing grade) with 60 credits from semester 1 and 2, and completed courses (passing grade) with 45 credits from semester 3 and 4, and completion of the course Orthotic management and biomechanics II, 7.5 credits.

Examination and grades

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

The course is examined through weekly seminars and practical examination.

A university lecturer serves as examiner for the course.

Registration of examination:

Name of the Test	Value	Grading
Seminars	3 credits	U/G
Practical examination	12 credits	A/B/C/D/E/FX/F

Other information

Attendance requirements

Attendance is mandatory in clinical placement and seminars.

Temporary interruption of a course

The School of Health and Welfare may suspend a student's participation in clinical training or other practical activities during the course if a student demonstrates gross unfitness/incompetence when applying skills. A student whose work-based training or other practical activities have been canceled due to gross inadequacy/incompetence may not continue study before the course director or examiner has verified and approved that the student has the knowledge and skills required. In connection with a decision on suspension, the decision will specify the grounds on which the suspension is based. After the decision, an individual plan will be established for the student where knowledge and skills gaps are specified, the degree of support the student is entitled to, and the terms and date(s) for examination(s).

Course literature

Reference literature

Lusardi, M., Jorge, M., & Nielsen, C. (2013). *Orthotics and Prosthetics in Rehabilitation*. St. Louis, Mo.: Saunders Elsevier.

Hsu, J., Michael, J., & Fisk, J. (Eds). (2008). *AAOS Atlas of Orthoses and Assistive Devices*. Philadelphia: Mosby Elsevier.

McRae, R. (2010). *Clinical Orthopaedic Examination*. Edinburgh: Churchill Livingstone Elsevier.

Smith, D.G., Michaels, J.W., & Bowker, J.H. (Eds.). (2004). *Atlas of Amputations and Limb Deficiencies: Surgical, Prosthetic and Rehabilitation Principles*. Rosemont, Illinois: American Academy of Orthopaedic Surgeons.

The most recent editions of the course literature should be used.
Additional relevant journal articles will be used.