



## KURSPLAN

# Prosthetics and Orthotics, Clinical Placement Studies, 15 högskolepoäng

*Prosthetics and Orthotics, Clinical Placement Studies, 15 credits*

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Kurskod:	HPCN13	Utbildningsnivå:	Grundnivå
Fastställd av:	Utbildningsrådet 2023-04-11	Utbildningsområde:	Medicinska området
Gäller fr.o.m.:	2023-08-28	Ämnesgrupp:	MT2
Version:	1	Fördjupning:	G2F
		Huvudområde:	Ortopedteknik

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### Lärandemål

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

#### Kunskap och förståelse

- 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.

#### Färdighet och förmåga

- collaborate with the client(s) in development of their management plan
- access correct subjective and objective information from the client, to facilitate development of an appropriate management plan
- plan, explain and justify treatment goals and solutions with clients
- perform, document, and evaluate the results of prosthetic and orthotic interventions 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.

#### Värderingsförmåga och förhållningssätt

- 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 of a clinical prosthetist/orthotist and reflect upon one's own professional competence
- reflect upon client care in relation to quality dimensions.

### Innehåll

- 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
- client centered care
- guidelines and regulations for professional and ethical practice

### Undervisningsformer

The course is implemented through a supervised clinical placement and seminars.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

General entry requirements and passed courses in semester 1, 2, and 3, taken courses in semester 4, and taken course Orthotic management and biomechanics II, 7.5 credits in semester 5, in the Prosthetics and Orthotics Bachelor Programme, or the equivalent.

### Examination och betyg

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

The course is examined through seminars, individual written assignment and practical examinations. Assessment of clinical placement is also included as a basis for examination.

A university lecturer serves as examiner for the course.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Seminars	1 hp	U/G
Individual written assignment	1 hp	U/G
Practical examinations	10 hp	A/B/C/D/E/FX/F
Clinical placement	3 hp	U/G

### Övrigt

#### 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).

### Kurslitteratur

Chui, K.C., Yen, S.C., Lusardi, M.M., & Jorge, M. (Eds). (2020). *Orthotics & prosthetics in rehabilitation*. (4th. Ed.). Elsevier Saunders.

Fisk, J.R., Lonstein, J.E., & Malas, B.S. (2017). *The Atlas of Spinal Orthotics*. Exceed Worldwide.

Krajbich, J.I., Pinzur, M.S., Potter, B.K., & Stevens, P.M. (Eds). (2018). *Atlas of amputations and limb deficiencies: surgical, prosthetic, and rehabilitation principles. Vol. 1, General topics, Upper limb* (4th ed.). American Academy of Orthopaedic Surgeons, Wolters Kluwer.

Krajbich, J.I., Pinzur, M.S., Potter, B.K., & Stevens, P.M. (2018). *Atlas of amputations and limb deficiencies: surgical, prosthetic, and rehabilitation principles. Vol. 2, Lower limb, management issues* (4th. ed.). American Academy of Orthopaedic Surgeons, Wolters Kluwer.

McRae, R. (2010). *Clinical Orthopaedic Examination*. (6th. ed.). Churchill Livingstone Elsevier.

Webster, J., & Murphy, D. (Eds). (2019). *Atlas of orthoses and assistive devices*. (5th. ed.). Elsevier.

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