



## COURSE SYLLABUS

# Prosthetic and Orthotics, independent Research Project, 15 credits

*Prosthetic and Orthotics, independent Research Project, 15 högskolepoäng*

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<b>Course Code:</b> HPOP11	<b>Education Cycle:</b> First-cycle level
<b>Confirmed by:</b> Utbildningsrådet Sep 18, 2018	<b>Disciplinary domain:</b> Medicine
<b>Valid From:</b> Mar 1, 2021	<b>Subject group:</b> MT2
<b>Version:</b> 1	<b>Specialised in:</b> G2E
<b>Reg number:</b> Department of Rehabilitation	<b>Main field of study:</b> Prosthetics and Orthotics

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### Intended Learning Outcomes (ILO)

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

#### Knowledge and understanding

- describe and critically evaluate a scientific problem area related to prosthetics and orthotics.

#### Skills and abilities

- independently search for and critically evaluate information related to an area of relevance to prosthetics and orthotics
- determine appropriate research or product development methods to address a clearly defined problem/aim
- plan and conduct a research/development project
- communicate the outcomes of research orally and in writing
- critically evaluate research/development project findings.

#### Judgement and approach

- demonstrate an appreciation for research ethics
- identify their own need for continued knowledge and to develop their skills.

### Contents

- managing a research project
- scientific writing
- oral presentation of scientific work

### Type of instruction

The course is implemented in the form of online instructional content, individual and group supervision.

The teaching is conducted in English.

### Prerequisites

General entry requirements and completed courses in terms 1-2 within the Prosthetics and Orthotics, BSc programme.

Participation in all courses which are part of terms 3-5 in the Prosthetics and Orthotics, BSc programme, including Scientific methods and statistics, 7.5 credits, and participation in Evidence based practice and knowledge translation in prosthetics and orthotics, 4 credits.

### Examination and grades

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

Examination will be based upon one written thesis, one oral presentation of the student's own research and one oral opposition of another groups research.

A senior lecturer will serve as examiner for this subject.

Registration of examination:

Name of the Test	Value	Grading
Written examination	15 credits	A/B/C/D/E/FX/F
Oral presentation	0 credits	U/G
Opposition	0 credits	U/G

### Course literature

Gruba, P. & Zobel, J. (2017). *How to write your first thesis*. Springer International Publishing.

Hoffman, T., Bennett, S., & Del Mar, C. (2017). *Evidence-Based Practice Across the Health Professions*. Amsterdam: Elsevier.

The most recent editions of the course literature should be used.

Additional relevant journal articles will be used.