

## COURSE SYLLABUS

# Evidence Based Practice and Knowledge Translation in Prosthetics and Orthotics, 7.5 credits

*Evidensbaserad praktik och kunskapsöversättning inom Ortopedteknik, 7,5 högskolepoäng*

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|--------------|--------------|----------------------|----------------------------------------------------------------------------------------|
| Course Code: | H1EPOK       | Education Cycle:     | First-cycle level                                                                      |
| Confirmed:   | Jan 21, 2026 | Disciplinary domain: | Medicine                                                                               |
| Valid From:  | Aug 31, 2026 | Subject group:       | Medical Technologies                                                                   |
|              |              | Specialised in:      | G2F First cycle, has at least 60 credits in first-cycle course/s as entry requirements |
|              |              | Main field of study: | Prosthetics and Orthotics                                                              |

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## Intended Learning Outcomes (ILO)

On completion of the course the student will be able to:

### Knowledge and Understanding

- describe and critically analyze theories and methods in evidence-based practice
- define knowledge translation and discuss its relationship to evidence-based practice.

### Skills and Abilities

- independently develop a search protocol and conduct a systematic search for relevant literature
- identify barriers and facilitators to using evidence-based practice in clinical practice
- formulate a research plan which addresses a clearly defined research aim.

### Judgement and Approach

- critically reflect on issues related to research ethics
- critically reflect on the need for ongoing development and identify personal knowledge gaps.

### Content

- identification of clinical questions
- introduction to standardized tools for critically evaluating evidence
- literature reviews, what they are and what they are not
- knowledge translation
- theories/models for the implementation of evidence-based practice in healthcare
- current research in prosthetics and orthotics and related fields project plan development

### Type of Instruction

The course is implemented through lectures, group tutorials and workshops.

Language of instruction is English.

### Entry Requirements

General entry requirements and passed courses in semester 1, 2, and 3, and taken courses in semester 4 from the Prosthetics and Orthotics Bachelor Programme, or equivalent.

## Examination and Grades

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

Examination will be based upon a written examination and seminars.

Registration of examination:

| Name of the Test    | Value       | Grading        |
|---------------------|-------------|----------------|
| Written examination | 3 credits   | A/B/C/D/E/FX/F |
| Seminars            | 4.5 credits | A/B/C/D/E/FX/F |

## Course Literature

Please note that the course literature may be revised up to eight weeks before the start of the course.

Hoffmann, T., Bennett, S., & Del Mar, C. (2024). *Evidence-based practice across the health professions* (4th ed.). Elsevier.

Gruba, P., & Zobel, J. (2017). *How to write your first thesis*. Springer International Publishing. The most recent editions of the course literature should be used.

Additional relevant journal articles will be used.