



## KURSPLAN

# Management and Innovation in the Health Sector, 6 högskolepoäng

*Management and Innovation in the Health Sector, 6 credits*

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<b>Kurskod:</b>	HMHS21	<b>Utbildningsnivå:</b>	Avancerad nivå
<b>Fastställd av:</b>	Utbildningsrådet 2021-04-13	<b>Utbildningsområde:</b>	Medicinska området
<b>Reviderad av:</b>	Avdelningschef 2023-06-20	<b>Ämnesgrupp:</b>	MT2
<b>Gäller fr.o.m.:</b>	2023-06-20	<b>Fördjupning:</b>	A1F
<b>Version:</b>	2	<b>Huvudområde:</b>	Ortopedteknik

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### Lärandemål

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

#### Kunskap och förståelse

- demonstrate a deep understanding of the technical, human, economic, organisational and social dimensions of innovation
- demonstrate deep knowledge of concepts, theories and frameworks associated with innovation and quality management in healthcare including patient safety
- demonstrate the need for businesses to have a strategic approach to be able to successfully manage innovation and technical development
- demonstrate knowledge of current innovations in the assistive technology sector
- demonstrate deep knowledge of scientific and practical methods for assessing, developing and running creative and innovative projects.

#### Färdighet och förmåga

- apply knowledge gained in the course to analyse the practice of innovation management
- identify problems encountered during innovation management in the assistive technology sector and to develop solutions for these problems.

#### Värderingsförmåga och förhållningssätt

- recognise and include the knowledge and skills of others in solving complex problems
- critically assess current innovations in healthcare and the practice of innovation using arguments from theory.

### Innehåll

- innovation – What it is and Why it Matters
- innovation in organisations
- managing innovative businesses
- developing an Innovation Strategy
- main models of innovation
- managerial strategies to shape innovative performance

- tools of innovation management to map and measure innovative activities
- diagnosis and effective solutions of innovation challenges

### Undervisningsformer

The course is implemented through lectures, case studies and group discussion.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

The applicant must hold a minimum of a Bachelor degree or equivalent (i.e. the equivalent of 180 ECTS credits at an accredited university) in prosthetics and orthotics or mechanical engineering. Proof of English proficiency is required. Also, the applicant must successfully have completed the courses Co-production in Health and Welfare, 7.5 credits and Quality improvement in Health and Engineering, 7.5 credits.

### Examination och betyg

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

Examination of the course will be based upon one individual written assignment.

A senior lecturer serves as examiner for the course.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Individual written assignment	6 hp	A/B/C/D/E/FX/F

### Kurslitteratur