



**Karolinska  
Institutet**

Course syllabus for

## **Medical Acupuncture, 15 credits**

Medicinsk akupunktur, 15 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

Autumn2011 , Autumn2013 , Spring2014 , Autumn2014 , Spring2015 , Autumn2016 , Spring2017 , Spring2018

Course code	2QA177
Course name	Medical Acupuncture
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Clinical Medical Science
Level	Second cycle, has only first-cycle course/s as entry requirements
Grading scale	Pass, Fail
Department	Department of Neurobiology, Care Sciences and Society
Decided by	Styrelsen för utbildning
Decision date	2011-03-21
Revised by	Board of Higher Education
Last revision	2014-03-17
Course syllabus valid from	Autumn 2014

### **Specific entry requirements**

A minimum of 120 credits and a licence to practise issued by Socialstyrelsen as a physiotherapist, nurse, occupational therapist, doctor of medicine or dentist. Or a licence to practise issued by Socialstyrelsen as a naprapath or chiropractor. And proficiency in Swedish and English equivalent to Swedish B/Swedish 3 and English A/English 6.

### **Objectives**

The course in medical acupuncture aims at achieving skills in integrating medical acupuncture as a treatment method for pain in clinical practice.

#### *Knowledge and understanding*

On completion of the course, the student should be able to:

- explain origin and modulation of pain from a physiological perspective.
- describe how medical acupuncture modulates the nervous system and influences physiological processes.

- describe, explain and motivate dosage, indications and contraindications, risks, legal aspects and keeping medical records as well as
- critically describe and review treatment principles from a physiological perspective.

### *Skills and abilities*

On completion of the course, the student should be able to:

- classify a given pain condition and explain the choice based on knowledge in pain physiology and known clinical findings and be able to apply principles of pain measurement and pain rating.
- independently plan, carry out and evaluate treatment with manual acupuncture/electroacupuncture in different pain conditions.

### *Judgement and approach*

On completion of the course, the student should be able to:

- reflect on individual variations that can influence the pain experience, the planning and the implementation of the acupuncture treatment such as the effect of sex, age, physiological and psychological factors.
- reflect and evaluate design and performance analysis in scientific articles in the area of acupuncture.

## Content

Kursen är indelad i fyra moment.

**Pain physiology, 3 hp** Part 1 contains:

Self-studies in pain physiology, pain classification, endogenous pain controlling

systems, placebo as well as pain analysis and pain rating. **Medical acupuncture - physiology and treatment), 4 hp** Part 2 contains:

Lectures and seminars in for example acupuncture physiology, treatment principles,

dosage, risks, adverse reactions and sham - and placebo acupuncture and electroacupuncture. **Practical applications and case seminars, 5 hp** Part 3 contains:

Practical application (needling) with localisation of needle points and practical training

as well as patient case seminars. **Extended essay, 3 hp** Part 4 contains a written advanced assignment, that is examined in writing and being presented orally.

## Examination

Part 1. Pain physiology

Is examined in writing at the first course date.

Part 2. Medical acupuncture; physiology and treatment

Is examined via compulsory seminars and workshops\* and in a written exam at the end of the course.

Part 3. Practical application and patient case seminars

Is examined using compulsory practical exercises and seminars\*.

Part 4. Written advanced assignment

Is examined through a written advanced assignment that also should be presented orally.

\* Certain absence can be compensated via retake occasion for the practical exercises and with complementary assignment for the seminars. At too large absence students will not be approved. Possibility to supplement compulsory parts can be offered at most once at future course date, provided that there is a determined course date. This can not be guaranteed and applies in case of a vacancy.

Students who have not passed the regular examination are entitled to participate in five examinations. If the student has failed six examinations, no additional examination will be offered. Every time the student participates in the same test counts as an examination session. Submission of blank exam is counted as examination session. Examination for which the student registered but not participated in does not count as an examination.

## Transitional provisions

Examination kommer att tillhandahållas under en tid av två år efter en eventuell nedläggning av kursen. Examination kan ske enligt tidigare litteraturlista under en tid av ett år efter den tidpunkt då en förnyelse av litteraturlistan gjorts.

## Other directives

Language of instruction: Swedish.

## Literature and other teaching aids

*Norrbrink, Cecilia (red); Lundeberg, Tomas (red)*

### **Om smärta : ett fysiologiskt perspektiv**

1. uppl. : Lund : Studentlitteratur, 2010 - 181 s.  
ISBN:978-91-44-05661-6 LIBRIS-ID:11772743

[Library search](#)

### **Akupunktur : punkthandbok**

*Andersson, Sven; Ottosson, David; Lundeberg, Thomas*

2. uppl. : Kungälv : AKAB utbildning, 1999 - 166 s.  
ISBN:91-971037-4-8 (spiralh.) LIBRIS-ID:7793255

[Library search](#)

*White, Adrian.; Cummings, T. M.; Filshie, Jacqueline.*

### **An introduction to Western medical acupuncture**

Edinburgh : Churchill Livingstone/Elsevier, 2008. - xviii, 240 p.  
ISBN:978-0-443-07177-5 (pbk.) LIBRIS-ID:12157001

[Library search](#)

### **Fysiologi**

*Lännergren, Jan; Westerblad, Håkan; Ulfendahl, Mats; Lundeberg, Thomas*

5., [rev.] uppl. : Lund : Studentlitteratur, 2012 - 354 s.  
ISBN:978-91-44-07747-5 LIBRIS-ID:13508738

[Library search](#)

*Sluka, Kathleen A.*

### **Mechanisms and management of pain for the physical therapist**

Seattle : IASP Press, 2009 - xiii, 411 s.  
ISBN:978-0-931092-77-0 (softcover : alk. paper) LIBRIS-ID:11677166

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