



**Karolinska  
Institutet**

Course syllabus for

## **Odontological Prophylaxis 1, 11.5 credits**

Odontologisk profylaktik 1, 11.5 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:

Autumn2017 , Autumn2018

Course code	1TH030
Course name	Odontological Prophylaxis 1
Credits	11.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Odontological Prophylaxis
Level	G1 - First cycle 1
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Dental Medicine
Decided by	Education committee DENTMED
Decision date	2017-04-25
Course syllabus valid from	Autumn 2017

### **Specific entry requirements**

Matematik 2a / 2b / 2c, Naturkunskap 2, Samhällskunskap 1b / 1a1+1a2 (områdesbehörighet A14).

Or

Matematik B, Naturkunskap B, Samhällskunskap A (områdesbehörighet 16).

### **Objectives**

Module: Man and Society, 2 credits

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

1. Describe psychological and ethical aspects of dental and medical treatment and evaluate their consequences.
2. Reflect on communication patterns between different health care providers and between health care providers and patients in a multicultural society.
3. Describe the domains of the different professions within dental care and demonstrate an understanding of the importance of teamwork and cooperation.

Module: Introduction to Odontological Prophylaxis, 9,5 credits

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

4. Describe differences between oral tissues during a healthy state and during illness.

5. Explain how the oral biofilm is formed, explain the relationship between microorganisms and the inflammatory process in periodontal tissue, as well as the link between inflammation and general diseases.
6. Describe the aetiology in gingival inflammation.
7. Describe the basic aetiology in periodontitis.
8. Be familiar with the aetiology, diagnostics, treatment and prevention of dental caries.
9. Describe oral hygiene aids and methods for an individually adjusted self-treatment starting from dental national guidelines.
10. Explain and understand the importance of self-treatment for oral health.
11. Describe the importance of an empathetic and professional attitude towards the patient
12. Follow and understand the importance of the laws and regulations that govern health care including dental care.
13. Describe basic hygiene routines and clothing regulations.
14. Describe the profession of the dental hygienist and its professional ethical rules.
15. Identify the relevant concepts, theories and methods of scientific research and understand the importance of a scientific approach.

## Content

The course consists of the modules *Man and Society* and *Introduction to Odontological prophylaxis*.

### Man and Society, 2 hp

- Psychological and ethical aspects in dental and medical treatment as well as priority issues in care.
- Ethics, communication and attitude in a multicultural society.
- The laws and regulations of healthcare.

### Introduction to Odontological prophylaxis, 9.5 hp

- Scientific methodology, the program's scientific streak is presented and discussed, the meaning of a scientific approach.
- Caries and gingival inflammation as well as their aetiology.
- Relationships between microorganisms and inflammation and the link to general diseases
- Overview of laws and regulations within healthcare and dental care.
- Preventive dental care.
- Patient communication and ethics.

## Teaching methods

Lectures, seminars, group work and library and IT usage.

For both modules, there is compulsory attendance at seminars and group exercises, as well as at the lecture on hygiene and disease control, patient education (objective 9, 10 and 11) and information search at the library .

The course coordinator decides whether, and if so how, absence from compulsory course elements can be made up. Study results cannot be reported until the student has participated in compulsory course elements or compensated for any absence in accordance with instructions from the course coordinator. Absence from a compulsory course element could mean that the student can not retake the element until the next time the course is offered.

## Examination

Man and Society, 2 credits

Individual written assignment, essay and peer assessment (expected learning outcomes 1, 2, 3 are examined).

Introduction to Odontological Prophylaxis, 9,5 credits

Written individual examination (expected learning outcomes 4, 5, 6, 7, 9, 10, 11, 12, 13, 14 are examined).

Written assignment and oral presentation (expected learning outcomes 15 is examined).

Oral presentation and critical review in seminar (expected learning outcomes 8, 10 are examined).

To pass the course, attendance at compulsory parts is also required.

Students who do not pass a regular examination are entitled to re-sit the examination on five more occasions. If the student has failed six examinations/tests, no additional examination is given. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is regarded as an examination. In case a student is registered for an examination but does not attend, this is not regarded as an examination.

## Transitional provisions

If the course is discontinued or undergoes major changes, examination with the previous literature list and learning outcomes will be offered for no more than one academic year after the implementation of the revision/discontinuation.

## Other directives

The course evaluation will be carried out according to the guidelines established by the Board of Education.

## Literature and other teaching aids

### *Mandatory literature*

#### **Hygien och smittskydd i tandvården**

*Zimmerman, Mikael; Aarem, Robert van*

2., [rev.] uppl. : Stockholm : Gothia, 2003 - 222, [1] s.

ISBN:91-7205-357-7 LIBRIS-ID:8892462

[Library search](#)

*Klinge, Björn; Gustafsson, Anders*

#### **Parodontit : en introduktion**

6., [uppdaterade och utök.] uppl. : Stockholm : Gothia fortbildning, 2016 - 160 s.

ISBN:9789188099587 LIBRIS-ID:19434523

[Library search](#)

*Hansson, Bengt Olof; Ericson, Dan*

#### **Karies : sjukdom och hål**

4., [rev.] uppl. : Stockholm : Gothia Fortbildning, 2016 - 159 s.

ISBN:9789188099570 LIBRIS-ID:19353625

[Library search](#)

*Helgesson, Gert; Kvist, Thomas*

#### **Tandvårdens etik**

1. uppl. : Stockholm : Gothia fortbildning, 2015 - 228 s.

ISBN:9789172059351 LIBRIS-ID:17802263

[Library search](#)

Scientific articles and compendiums are additional.

### ***Recommended literature***

*Axéll, Tony*

#### **Munslemhinnan vid hälsa och sjukdom**

6. uppl. : Förlag,c 2009 : Gothia Förlag, 2009 - 176 s.b ill.

ISBN:91-7205-654-1 LIBRIS-ID:11704378

[Library search](#)

*Badersten, Anita; Egelberg, Jan*

#### **Parodontal undersökning**

*Gantes, Bernard; Lindgren, Pia*

Malmö : Odontologisk utveckling, 1992 - 93 s.

ISBN:91-971823-0-3 (inb.) LIBRIS-ID:7795401

[Library search](#)