



**Karolinska
Institutet**

Course syllabus for

Odontological Prophylaxis 5, 9.5 credits

Odontologisk profylaktik 5, 9.5 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:

[Autumn2013](#) , [Autumn2014](#) , [Autumn2017](#)

Course code	1TH019
Course name	Odontological Prophylaxis 5
Credits	9.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Odontological Prophylaxis
Level	G2 - First cycle 2
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Dental Medicine
Decided by	Programnämnd 10
Decision date	2013-03-27
Revised by	Education committee DENTMED
Last revision	2017-04-25
Course syllabus valid from	Autumn 2017

Specific entry requirements

The student should have completed all courses in semester 1 and semester 2 corresponding to 60 credits in the Dental Hygiene programme.

Objectives

Module 1: Odontological Prophylaxis, advancement 1 (7.5 credits)

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

1. Define and analyse the concepts of health/illness.
2. Describe the importance of the mouth for the individual's well-being from medical, psychological and social perspectives based on cultural, social and ethical aspects.
3. Describe the importance of the living environment and general health as well as the influence on oral health.
4. Explain the relationship between tobacco use and its influence on oral and general health.
5. Describe and understand the theoretical principles in the classification of periodontal disease and have the ability to make individual action assessments based on a holistic view of the patient considering scientific and ethical aspects.

6. Describe the function of ultrasonic scalers and their fields of use from a scientific basis.
7. Carry out cariologic investigation of patient, analyse the need for individual prevention programs and evaluate intervention measures from evidence-based knowledge.
8. From a scientific perspective describe the importance of the caries disease for general health and well-being.
9. Describe basic traumatology, endodontic examination methodology, diagnostics and treatment principles.

Module 2: Health Communication 1 (2 credits)

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

10. Describe different interview theories intended for behavioural changes in patients and understand the importance of empathetic ability.
11. Explain and understand the medical consequences of stress and depression for oral health and how it influences the patient and their needs.
12. Adapt communication based on the patient's capabilities and needs.

Content

The course focuses on developing the student's theoretical foundation concerning health and illness and which consequences living environment and lifestyle have on oral and general health as well as for the general well-being. The students are given theoretical tools to independently be able to make intervention assessments from a holistic view of the patient. The students' ability to demonstrate a professional approach is developed during the course, including being able to demonstrate empathetic ability and adapt communication in order to prevent oral disease based on the patients' own capability and needs.

Odontological prophylaxis, advancement 1, 7.5 hp * The concepts of health and illness.

* People's health from a medical, psychological and social perspective based on cultural, social and ethical aspects.

* The importance of lifestyle and the environment for oral and general health and general well-being.

* Diagnoses and theoretical treatment principles concerning periodontal disease, caries and endodontics.

* The relationship between tobacco use and oral and general health.

* Theoretical principles in classification of periodontal disease.

* Endodontic treatment principles. **Health Communication 1, 2 hp** * Theories of interviews and behavioural changes.

* Theories of stress and depression and how this influences the individual's oral and general health.

Teaching methods

Lectures, group work, individual written assignments and seminar.

Absence from compulsory course elements: 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

Module 1: Odontological prophylaxis, advancement 1 (7.5 credits)

Written individual assignment (expected learning outcomes 1, 2, 7, 8 are examined).

Written assignment in groups (expected learning outcome 4 is examined).

Oral presentations (expected learning outcomes 3, 4, 7 are examined).

Written individual examination (expected learning outcomes 5, 6, 9 are examined).

Module 2: Health Communication 1 (2 credits)

Analysis of transcribed patient communication (expected learning outcome 10 is examined).

Oral presentations (expected learning outcomes 10, 11, 12 are examined).

Written individual assignment (expected learning outcome 11 is examined).

For the pass with distinction grade for the whole course, it is required that the written examination and the written individual assignment in the module Odontological Prophylaxis 5 are passed with distinction and that other examination assignments are passed.

Limitation of number of tests or practical training sessions

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.

Other directives

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

Literature and other teaching aids

Mandatory literature

Nationella riktlinjer för vuxentandvård 2011 : stöd för styrning och ledning

Stockholm : Socialstyrelsen, 2011 - 246 s.

ISBN:978-91-86885-09-0 LIBRIS-ID:12199431

[Library search](#)

Holm Ivarsson, Barbro; Sjögren, Karin

MI – motiverande samtal : praktisk handbok för tandvården :

Tredje upplagan : Stockholm : Gothia fortbildning, [2016] - 70 sidor

ISBN:9789188099839 LIBRIS-ID:19979436

[Library search](#)

Andersson, Sven Ingmar

Tandhälsa och psykologi

1. uppl. : Lund : Studentlitteratur, 2012 - 103 s.

ISBN:978-91-44-07882-3 LIBRIS-ID:12446688

[Library search](#)

Pellmer, Kristina; Wramner, Bengt; Wramner, Håkan

Grundläggande folkhälsovetenskap : Kristina Pellmer, Bengt Wramner, Håkan Wramner ; [foto: Håkan Wramner]

3., kompletterade uppl. : Stockholm : Liber, 2012 - 264 s.

ISBN:978-91-47-10549-6 LIBRIS-ID:12744909

[Library search](#)

Naidoo, Jennie; Wills, Jane

Folkhälsa och hälsofrämjande insatser

Larsson-Wentz, Karin

Lund : Studentlitteratur, 2007 - 412 s.

ISBN:978-91-44-04590-0 LIBRIS-ID:10305249

URL: [Omslagsbild](#)

[Library search](#)

Bergenholtz, Gunnar; Hörsted-Bindslev, Preben; Reit, Claes

Textbook of endodontology

2. ed. : Oxford : Blackwell Munksgaard, 2010 - xiii, 382 s.

ISBN:978-1-4051-7095-6 LIBRIS-ID:11731732

Part 3; Chapter: 11-13, Endodontic treatment Part 4; Chapter: 14-18, Diagnostics and Traumatology

[Library search](#)

Åkerlind, Ingemar; Faresjö, Tomas

Kan man vara sjuk och ändå ha hälsan? : frågor om liv, hälsa och etik i tvärvetenskaplig belysning

Lund : Studentlitteratur, 2005 - 258 s.

ISBN:91-44-02797-4 LIBRIS-ID:9822607

[Library search](#)

Recommended literature

Behavioral dentistry

Mostofsky, David I.; Fortune, Farida

2. ed. : Chichester : Wiley-Blackwell, 2014 - xvi, 432 s.

ISBN:9781118272060 LIBRIS-ID:14636928

[Library search](#)

Folkhälsorapport

Stockholm: Socialstyrelsen, 2012

URL: [Länk](#)

Antonovsky, Aaron

Hälsans mysterium

2. utg. /b förord av Lennart Levi : Stockholm : Natur och kultur, 2005 - 271 s.

ISBN:91-27-11027-3 LIBRIS-ID:9828174

[Library search](#)

Nathe, Christine Nielsen

Dental public health & research : contemporary practice for the dental hygienist

3. ed. : Upper Saddle River, N.J. : Pearson, cop. 2011 - xvi, 329, [38] s.

ISBN:9780135142059 LIBRIS-ID:11888529

[Library search](#)

Daly, Blánaid

Essential dental public health

2. ed. : Oxford : Oxford University Press, 2013 - vii, 253 s.

ISBN:9780199679379 LIBRIS-ID:14602168

[Library search](#)

Scientific articles and compendiums are additional