



**Karolinska  
Institutet**

Course syllabus for

## **Oral Health - Theory 4, 7 credits**

Oral hälsa - teori 4, 7 hp

This course syllabus is valid from spring 2024.

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

Spring2021 , Spring2024

Course code	1TY011
Course name	Oral Health - Theory 4
Credits	7 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Oral Health
Level	G2 - First cycle 2
Grading scale	Pass with distinction, Pass, Fail
Department	Department of Dental Medicine
Decided by	Utbildningsnämnden DENTMED
Decision date	2019-03-14
Revised by	Education committee DENTMED
Last revision	2023-10-24
Course syllabus valid from	Spring 2024

## **Specific entry requirements**

A Pass grade for all semester 1 and 2 courses in the Study Programme in Dental Hygiene.

## **Objectives**

### **Periodontology 3, 4 credits**

After completing the course, students will be able to:

- Describe the epidemiology, aetiology and pathogenesis of periodontal diseases on the basis of science and proven experience.
- Describe the link between oral and general health, as well as how oral health can influence general well-being.
- Describe indications and the provision of periodontal treatments such as periodontal surgery, laser, antibiotic and implant treatments.
- Independently compile personalised prophylaxis programmes, as well as planning treatment measures in cases of periodontitis and/or peri-implantitis on the basis of scientific evidence.
- Reflect on various periodontal treatment methods and their importance on the basis of psychosocial, cultural, health economic and ethical aspects at individual, group and community

level.

- Describe mucosal changes in the periodontium.
- Describe risk factors relating to periodontal disease on the basis of scientific evidence, and explain the link between general diseases and oral health, as well as the importance of oral health for general well-being.

### **Health communication 2, 3 credits**

After completing the course, students will be able to:

- Describe how evidence-based conversational theories for behavioural change, in order to promote oral health and general well-being, can be applied in a clinical setting.
- Describe evidence-based theories regarding tobacco cessation methods and their practical implementation, as well as the consequences of tobacco use for the oral and general health from an individual and societal perspective.
- Describe the importance of interprofessional cooperation with other related professions in the health care sector when working with behavioural change, and identify the role of the dental hygienist.
- Describe how patients with dental anxiety should be approached and treated within dental care.

## **Content**

The course consists of two modules:

### **Periodontology 3, 4.0 hp**

Grading scale: VU

- Periodontal and implant surgery.
- Laser.
- Treatment with antibiotics.
- The relationship between the oral health and general well-being.
- Medical health conditions
- Risk factors for periodontal disease and the link to general diseases.

### **Health communication 2, 3.0 hp**

Grading scale: GU

- Evidence-based conversational theories for behavioural change.
- Evidence-based theories regarding tobacco cessation.
- Dental anxiety.

## **Teaching methods**

### **Periodontology 3, 4 credits**

Lectures, group work and seminars.

### **Health communication 2, 3 credits**

Lectures, group work and seminars.

## **Examination**

### **Periodontology 3, 4 credits**

Examination: Written examination, written individual assignment and oral presentation in seminars.

Compulsory activities: Group work and seminars.

### **Health communication 2, 3 credits**

Examination: Written group assignments and oral presentation in seminars.

Compulsory activities: Group work and seminars.

To receive a grade of Pass with distinction for the whole course, a Pass with distinction is required for the Periodontology 3 module and a Pass in the Health communication 2 module.

A failed written assignment may be supplemented to obtain a pass grade.

The examiner 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 examiner. Absence from a compulsory course element could mean that the student can not retake the element until the next time the course is offered.

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.

If there are special grounds, or a need for adaptation for a student with a disability, the examiner may decide to deviate from the syllabus's regulations on the examination form, the number of examination opportunities, the possibility of supplementation or exemptions from the compulsory section/s of the course etc. Content and learning outcomes as well as the level of expected skills, knowledge and abilities may not be changed, removed or reduced.

## **Transitional provisions**

If the course is discontinued or undergoes major changes, examination opportunities will be offered according to a previous list of references and intended learning outcomes for a maximum of one academic year after the implementation of the revision/discontinuation.

## **Other directives**

Language of instruction for the Periodontology 3 module: Swedish.

The Health communication 2 module is partly taught in English.

## **Literature and other teaching aids**

### **Compulsory literature**

*Lang, Niklaus P; Lindhe, Jan*

#### **Clinical periodontology and implant dentistry**

6. ed. : Oxford : Wiley-Blackwell, 2015 - 1371 p. (2 vol.)

ISBN:9780470672488 (vol 1-2) LIBRIS-ID:18085617

[Library search](#)

#### **Implantat : att förebygga, diagnostisera och hantera komplikationer**

*Schitteck Janda, Martin; Mattheos, Nikos; Larsson, Christel; Ekenbäck, Jan*

Andra upplagan : Stockholm : Gothia utbildning, [2020] - 189 sidor

ISBN:9789177411543 LIBRIS-ID:gsg46v9vd1x0jk63

[Library search](#)

*Hultgren, Staffan*

**Tid för samtal : vad talar vi om egentligen?**

1. uppl. : Stockholm : Liber, 2013 - 189 s.

ISBN:9789147105212 LIBRIS-ID:13613703

[Library search](#)

*Holm Ivarsson, Barbro; Sjögren, Karin*

**MI - motiverande samtal : praktisk handbok för tandvården : mat och dryck, munhygien, fluor, tobak**

2. uppl. : Stockholm : Gothia, 2013 - 63 s.

ISBN:9789172059078 LIBRIS-ID:13916340

[Library search](#)

*Holm Ivarsson, Barbro; Hjalmarson, Agneta; Pantzar, Margareta*

**Stödja patienter att sluta röka och snusa : rådgivning om tobak och avvänjning**

Andra upplagan : Lund : Studentlitteratur, [2020] - 265 sidor

ISBN:9789144137339 LIBRIS-ID:1cr55p0kzfbksknqf

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