



**Karolinska  
Institutet**

Course syllabus for

## **Degree Project for Master's Degree (60 credits) in Oral Health, 30 credits**

Examensarbete för magisterexamen i oral hälsa, 30 hp

This course syllabus is valid from autumn 2020.

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

Autumn2020 , Autumn2023

Course code	2QA293
Course name	Degree Project for Master's Degree (60 credits) in Oral Health
Credits	30 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Oral Health
Level	Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)
Grading scale	Pass, Fail
Department	Department of Dental Medicine
Decided by	Utbildningsnämnden DENTMED
Decision date	2019-11-11
Revised by	Education committee DENTMED
Last revision	2019-12-12
Course syllabus valid from	Autumn 2020

### **Specific entry requirements**

Bachelor's degree in odontological prophylaxis/oral health or Higher Education Diploma in Dental Hygiene comprising 180 credits and the course *Theory and Methodology of Science in Odontology*, 15 credits, or the equivalent. An additional 15 credits in completed courses is required. And proficiency in Swedish and English equivalent to Swedish B/Swedish 3 and English A/English 6.

### **Objectives**

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

- demonstrate knowledge and comprehension of oral health, with a particular focus on the chosen field
- identify and design research questions
- show advanced knowledge of scientific methods and apply the acquired knowledge to the field of oral health

- reflect on and apply ethical aspects in their own research area
- systematically search for and collect relevant data
- critically review, evaluate and synthesise information
- independently plan and complete a written project within a given time-frame, which contributes to the development of knowledge in oral health
- demonstrate an ability to, orally and in writing, communicate with others, regarding their own knowledge, conclusions and arguments
- evaluate their own work and scientific contribution, and show insight into the possibilities and limitations of research
- identify and take responsibility for their own need of further knowledge

## Content

The student independently, with consultative supervision, carries out a research project in the field of oral health. The student is trained in the different aspects of the research process, including critical review of literature, data collection and analysis, as well as in giving oral presentations. By giving feedback on another student's work, the student's critical review skills are further enhanced.

The quality and scope of the project should correspond to a publishable article for a scientific journal in the dental field. The project is written in Swedish or English (optional) and is supplemented with a summary in English or Swedish.

## Teaching methods

The main part of the course is dedicated to the completion of the project, which is implemented with the consultation of a selected supervisor. The progress is continuously monitored in scheduled seminars. There are also scheduled lectures on the selected topics.

Compulsory attendance is required at the seminars and lectures. The course coordinator decides whether, and if so how, absence from compulsory course elements can be made up.

The seminars and lectures are held at the Department of Dental Medicine at campus Flemingsberg, while the research project is carried out either at the Department of Dental Medicine or elsewhere under the guidance of an appointed supervisor.

## Examination

Written presentation of the research plan; after the research plan is approved, the experiment or collection of material and data may proceed.

Written and oral progress report of the research project at a half-time seminar.

Written and oral presentation of the project at a seminar, as well as a written and oral peer review of another student's project.

If the student does not pass the half-time examination, does not submit the assignments related to the written project by the scheduled time, or does not attend the examination, they must wait until the next examination opportunity. Examinations are carried out once a semester.

## Transitional provisions

Examination will be provided during a time of two years after a possible close-down of the course.

## Other directives

Language of instruction: Swedish and English

## Literature and other teaching aids

### Recommended literature

*Wallén, Göran*

#### **Vetenskapsteori och forskningsmetodik**

2. uppl. : Lund : Studentlitteratur, 1996 - 151 s.

ISBN:91-44-36652-3 LIBRIS-ID:8353602

[Library search](#)

*Brunette, Donald Maxwell*

#### **Critical thinking : understanding and evaluating dental research**

2nd ed. : Chicago : Quintessence Pub. Co., c2007 - x, 312 p.

ISBN:978-0-86715-426-9 (pbk.) LIBRIS-ID:10682194

[Library search](#)

*Riegelman, Richard K.*

#### **Studying a study and testing a test : how to read the medical evidence**

4. ed. : Philadelphia : Lippincott Williams & Wilkins, 2000 - 356 s. + e 1 DC-ROM

ISBN:0-7817-1860-0 LIBRIS-ID:8307462

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