



Faculty of Health, Science and Technology
Oral Health

Syllabus

Oral and General Health - Theory and Clinical Studies II

Course Code:	OHG012
Course Title:	Oral and General Health - Theory and Clinical Studies II <i>Oral hälsa och allmänhälsa - teori och kliniska studier II</i>
Credits:	22.5
Degree Level:	Undergraduate level
Progressive Specialisation:	First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

Major Field of Study:
OHA (Oral Health)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2021-02-01, and is valid from the Autumn semester 2021 at Karlstad University.

Prerequisites

52.5 ECTS credits completed in the Programme in Dental Hygiene, including Introduction to Oral Health - Theories, Profession and Science (7.5 ECTS credits), Anatomy, physiology, and medical microbiology for dental hygienists (7.5 ECTS credits), Preclinical studies for the dental hygienist, theory and method (15 ECTS credits), Science theory and methods, basic course (7.5 ECTS credits), and Oral Health Prevention - Clinical Studies I (7.5 ECTS credits), and registered on the courses Health psychology and communication (7.5 ECTS credits) and Public Health and Oral Health Promotion (7.5 ECTS credits).

Learning Outcomes

Knowledge and understanding

Upon completion of the course, students should be able to:

- give an account of common diseases and their significance for oral health,
- give an account of pharmacological principles, both general and for specific medications, their significance for oral health and the dental hygienist's choice of treatment,
- give an account of current laws and ordinances pertaining to pharmaceuticals and prescriptions in dentistry,
- give an account of principles for anesthesia and its use in the field of dental hygiene,
- give an in-depth account of the evidence-based etiology, pathogenesis, diagnostics, risk assessment, prevention and treatment of caries, periodontal, and peri-implant diseases,
- give an account of the functional anatomy and disorders of the temporomandibular system and of the influence of internal and external factors on changes in dental hard tissue, and
- briefly explain traumatology of the head and neck, endodontology, and prosthetic constructions and principles of treatment.

Competence and skills

Upon completion of the course, and under supervision, students should be able to:

- use health declarations and anamnesis to analyse choices of examination and treatment,
- carry out oral examination of adult risk/high risk patients through collecting data and diagnosing caries, periodontal, and peri-implant disease,
- apply intraoral X-ray imaging when indicated, interpret and assess the existence and extent of caries, periodontal, and peri-implant changes,
- apply extraoral and intraoral examination and clinical/functional examination of the temporomandibular system,
- identify and document intraoral, extraoral, and radiological anomalies in hard and soft tissue beyond the area of competence of the dental hygienist for further odontological/medical assessment,
- register prosthetic constructions and implants,
- use ergonomic work methods, and
- apply CPR.

Judgement and approach

Upon completion of the course, students should be able to:

- reflect upon an ethical and professional approach to patients, next-of-kin, and other members of staff,
- reflect upon the difference between experience-based and evidence-based methods of treatment, and
- identify their own need of further knowledge and continual updating of competencies.

Content

- Pathophysiology
- Pharmacology and prescriptions
- Local anesthesia
- Etiology and pathogenesis of caries, periodontal and peri-implant diseases
- Nutrition
- Dental anomalies
- Odontological radiology
- Stomatognathic physiology
- Traumatology
- Endodontology
- Dental materials, prosthetics, and implants
- Instrumentation, special instruments
- Orofacial medicine

- Clinical imaging
- National dentistry guidelines
- Ergonomics

Reading List

See separate document.

Examination

Assessment is based on:

- individual written exams
- clinical examinations
- written hand-in assignments
- a seminar
- an individual report

The number of assessment opportunities is limited to five.

A grade of Pass also requires mandatory attendance and participation in methodological exercises and seminars at a clinical education centre and the placement clinic, and for these components the number of assessment opportunities is limited to two course instances.

Final results cannot be reported until a student has participated in the mandatory course components or submitted make-up work in accordance with the instructions of the course coordinator. Missing mandatory course components may mean that the student will not be able to fulfill the requirements until the next time that the course is offered.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

Grades

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

Quality Assurance

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

Course Certificate

A course certificate will be provided upon request.

Additional information

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.

The clinical placement may incur extra travel and accommodation costs for the student.

Students have to receive and pay for any and all vaccines required for clinical work.

The examiner may, with immediate effect, interrupt a student's clinical education if the

student demonstrates such serious deficiencies in knowledge, skills, or approach that patient safety or patient confidence in dental care is at risk. If education is interrupted in this way, the student is deemed to have failed the course in question. In such cases, an individual action plan should be set up stating what activities and tests are required before the student is qualified for clinical education on the course and future clinical courses.