



Faculty of Health, Science and Technology
Oral Health

Syllabus

Children, adolescents and young adults - health promotion, prevention and treatment within the dental hygienist's profession

Course Code: OHG013

Course Title: Children, adolescents and young adults - health promotion, prevention and treatment within the dental hygienist's profession

Barn, ungdomar och unga vuxna - hälsofrämjande arbete, prevention och behandling inom tandhygienistens yrkesområde

Credits: 15

Degree Level: Undergraduate level

Progressive First cycle, has at least 60 credits in first-cycle course/s as
Specialisation: entry requirements (G2F)

Major Field of Study:

OHA (Oral Health)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2024-09-06, and is valid from the Spring semester 2025 at Karlstad University.

Prerequisites

60 ECTS credits completed in semesters 1-2 in the Dental Hygiene programme, and registered for Public Health and Oral Health Promotion, 7.5 ECTS credits, and Oral and General Health - Theory and Clinical Studies II, 22.5 ECTS credits, with the clinical component of the latter course completed

Learning Outcomes

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

Knowledge and understanding

- give an account of the physical, mental, and socioemotional development of children, adolescents, and young adults and how this relates to the dental hygienist's approach and treatment in dental care situations,
- give an account of how intercultural factors and gender may affect the attitudes and behaviour of children, adolescents, and young adults in relation to oral health and dental care,
- give an account of how the general health, living conditions, and lifestyles of children, adolescents, and young adults can affect their oral health,
- give an account of human rights, domestic violence, and notifications of concern based on the Convention on the rights of the child,
- give an account of normal jaw development, local and general factors that affect tooth development, and bite and jaw anomalies,
- give an account of different types of orthodontic treatments and constructions plus appropriate preventive oral health measures, and
- give an account of and consider risk assessment regarding caries and periodontal disorder among children, adolescents, and young adults.

Competence and skills

- perform oral examination and treatment, based on science and best practice, of healthy patients or patients with incipient disease among children, adolescents, and young adults,
- identify bite anomalies and needs for consultation regarding continued odontological treatment,
- investigate, analyse, and assess needs for treatment to prevent illness,
- perform basic health-promoting and disease-preventing talks with children and their guardians, adolescents, and young adults, using language which is functional and adequate for the context,
- demonstrate a professional approach to patients, colleagues, and other professional groups, and
- design a plan for health education, produce educational material, and teach groups on the topic of oral health.

Judgement and approach

- reflect upon ethical aspects of human rights, Convention on the rights of the child, domestic violence, and notifications of concern,
- reflect upon a professional approach with awareness of the conditions of children, adolescents, and young adults regarding developmental level, living conditions, and lifestyles, and
- reflect upon conversations with children and their guardians in relation to dental treatment problems and dental anxiety.

Content

- Development psychology
- Intercultural studies and gender
- General health, living conditions, and lifestyles
- Human rights, Convention on the rights of the child, domestic violence, and notification of concern
- Dental anxiety
- Tooth and bite development
- Oral examination

- Pedodontics
- Fissure sealing
- Approach and treatment in dentistry
- Orthodontics
- Risk assessment
- Disease prevention treatment
- Professional approach
- Health counseling and education
- Clinical placement (VFU), including auscultation specialist dentistry

Reading List

See separate document.

Examination

Assessment is based on

- individual written take-home exams
- written hand-in assignments completed in groups
- seminars
- clinical examination

Attendance and active participation in clinical placement (VFU) are mandatory, including auscultation (specialist dentistry, pedodontics and orthodontics). The number of assessment opportunities for the clinical placement is limited to two.

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 (VFU) and auscultation specialist dentistry may incur extra travel and accommodation costs for students. 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.