Dental Hygiene (DH)

Courses

DH A201 Oral Histology and Embryology 2 Credits
Presents information on histology and embryology of the oral cavity, with emphasis on dental and periodontal structures. Includes discussion on dental accretions and cariology.
Registration Restrictions: Departmental approval.
Prerequisites: BIOL A111 and BIOL A112.

DH A204 Anatomy of the Orofacial Structures 2 Credits
Provides students with anatomical knowledge necessary to perform technical skills within the oral cavity.
Registration Restrictions: Departmental approval.
Prerequisites: BIOL A111 and BIOL A112.

DH A222 Adjunctive Techniques for Dental Hygienists 3 Credits
Introduces adjunctive techniques used in dental hygiene treatment. Emphasizes skills applied in the practice of dental hygiene, such as polishing, sealant placement, fluoride application and use of mechanized debridement.
Registration Restrictions: Departmental approval and current BLS certification.
Prerequisites: DA A110 with a minimum grade of C and DA A110L with a minimum grade of C and DH A201 with a minimum grade of C and DH A204 with a minimum grade of C.

DH A292D Clinical Seminar I 1 Credit
Provides procedural instruction and general support for Clinical Practicum I. Includes review of treatment and case presentations. Continues discussion of special needs patient care from earlier coursework.
Registration Restrictions: Departmental approval.
Prerequisites: DH A220 with a minimum grade of C.
Corequisites: DH A295D.

DH A295D Clinical Practicum I 4 Credits
Provides opportunity for students to achieve clinical skill competency with patients presenting as periodontally healthy or with signs of gingivitis. This course is conducted in a clinical setting with volunteer patients and individualized instruction.
Registration Restrictions: Departmental approval, BLS certification, and required immunizations.
Corequisites: DH A292D.

DH A302 Advanced Instrumentation for Dental Hygienists 1 Credit
Provides instruction in advanced instrumentation techniques and root planing used in dental hygiene therapeutic treatment. Explores root anatomy through drawings and carvings.
Registration Restrictions: Departmental approval and current BLS certification.
Prerequisites: DH A222 with a minimum grade of C and DH A295D with a minimum grade of C.

DH A310 Oral Pain Control 3 Credits
Examines pharmacology, armamentarium, anatomical and physiological considerations, administration techniques, and potential complications of local anesthesia. Analyzes pharmacology, administration techniques, medical contraindications, and management complications accompanying administration and monitoring of nitrous oxide.
Special Note: Satisfies requirements of 12 ACC 28.340, Alaska State Dental Statutes and eligibility to take the Western Regional Board Examination for certification of dental hygienists to administer local anesthetics. It also meets regulation requirements for dental hygienists to administer and monitor nitrous oxide analgesia (12 ACC 18.720).
Registration Restrictions: Departmental approval; BLS certification.
Prerequisites: DH A204 with a minimum grade of C and DH A295D with a minimum grade of C and DH A365 with a minimum grade of C.

DH A311 Periodontics 2 Credits
Uses previous knowledge of periodontal structures and microbiology to enable the student to assess periodontal conditions and formulate treatment plans.
Registration Restrictions: Departmental approval.
Prerequisites: (BIOL A240 with a minimum grade of C or BIOL A241 with a minimum grade of C) and DH A201 with a minimum grade of C.

DH A314 Pathology of Oral Tissues 2 Credits
Applies and expands knowledge of anatomy and microbiology to familiarize the student with signs, symptoms, and contagion recognition of selected diseases of the oral cavity, and with systemic diseases that manifest themselves in the oral cavity.
Registration Restrictions: Departmental approval.
Prerequisites: (BIOL A240 with a minimum grade of C or BIOL A241 with a minimum grade of C) and DH A204 with a minimum grade of C.

DH A316 Professional Dental Hygiene Practice 1.5 Credit
Discusses ethical and legal concerns in the dental hygiene profession. Explores issues relevant to the practice of dental hygiene.
Registration Restrictions: Departmental approval.
Prerequisites: DH A392C with a minimum grade of C.

DH A321 Current Periodontal Therapies 2 Credits
Emphasizes theoretical instruction and application of current nonsurgical techniques in the treatment of periodontal disease.
Registration Restrictions: Departmental approval.
Prerequisites: DH A311 with a minimum grade of C.

DH A324 Community Dental Health 1 2 Credits
Provides theoretical instruction on community dental health epidemiology, and discusses public health research methodology. Includes development and implementation of a basic community dental health care project.
Registration Restrictions: Departmental approval; BLS certification.
Prerequisites: DH A314 with a minimum grade of C and DH A395C with a minimum grade of C.
**DH A365 Pharmacology for Dental Hygienists 2 Credits**
Discusses general pharmacological concepts and applications; nature of drug reactions; individual response to drugs; principles of neuropharmacology; toxicology; anti-infective therapy; and effects of drugs on cardiovascular, endocrine, and other body systems. Emphasizes drugs used in dentistry.

**Registration Restrictions:** Departmental approval.
**Prerequisites:** CHEM A104 with a minimum grade of C.

**DH A390 Selected Topics in Dental Hygiene 1-6 Credits**
Studies emerging trends, standards, and theories in dental hygiene. Explores opportunities for clinical application.

**Special Note:** May be repeated for credit with change of subtitle. A maximum of 6 credits may be applied to the Bachelor of Science in Dental Hygiene.

**Registration Restrictions:** Departmental approval

**DH A392C Clinical Seminar II 1 Credit**
Provides discussion and evaluation of clinical experiences in Clinical Practicum II. Emphasizes review of treatment and case presentations.

**Registration Restrictions:** Departmental approval
**Prerequisites:** DH A295D with a minimum grade of C and DH A302 with a minimum grade of C and DH A321 with a minimum grade of C.
**Corequisites:** DH A395C.

**DH A392D Clinical Seminar III 1 Credit**
Provides discussion and evaluation of clinical experiences in Clinical Practicum III. Emphasizes review of treatment and case presentations of patients exhibiting moderate to advanced periodontal disease.

**Registration Restrictions:** Departmental approval
**Prerequisites:** DH A321 with a minimum grade of C and DH A395C with a minimum grade of C.
**Corequisites:** DH A395D.

**DH A395C Clinical Practicum II 5 Credits**
Provides opportunity for students to achieve clinical skill competency with patients presenting with mild to moderate periodontal disease. Conducted in a clinical setting with volunteer patients and individualized instruction.

**Registration Restrictions:** Departmental approval; BLS certification, and required immunizations.
**Prerequisites:** DH A222 with a minimum grade of C and DH A295D with a minimum grade of C and DH A311 with a minimum grade of C.
**Corequisites:** DH A392C.

**DH A395D Clinical Practicum III 6 Credits**
Provides opportunity for students to achieve clinical skill competency with patients presenting with moderate to advanced periodontal disease. Conducted in a clinical setting with volunteer patients and individualized instruction.

**Registration Restrictions:** Departmental approval, BLS certification, and required immunizations.
**Prerequisites:** DH A321 with a minimum grade of C and DH A395C with a minimum grade of C.
**Corequisites:** DH A392D.

**DH A395E Community Practicum in Dental Hygiene 1-3 Credits**
Applies basic dental hygiene skills in the clinical situation under supervision of clinical faculty. Emphasizes Periodontal Case Type I and II patient care.

**Special Note:** May be repeated once for a maximum of 3 credits.

**Registration Restrictions:** Departmental approval and current cardiopulmonary resuscitation certification.
**Prerequisites:** DH A295D.

**DH A395R Supplemental Dental Hygiene Clinical Practicum 1-3 Credits**
Provides opportunity for students to obtain additional clinical experience outside required clinical courses. Allows students to improve and/or maintain skills. This course is conducted in a clinical setting with volunteer patients and individualized instruction.

**Registration Restrictions:** Departmental approval

**DH A398 Individual Research 1-4 Credits**
Engages students in research related to dentistry. Activities might include literature search and review, experimental design, specimen collection, research techniques, data collection and analysis, and manuscript preparation and submission. Specific activities are dependent on the type and stage of research at the time of course enrollment.

**Registration Restrictions:** Junior or higher standing, department approval

**DH A424 Community Dental Health II 3 Credits**
Presents advanced theoretical instruction on community dental health and research methodology, with emphasis on project design, development, and implementation for diverse populations.

**Registration Restrictions:** Completion of Tier 1 GER courses
**Prerequisites:** DH A324 with a minimum grade of C and (STAT A200 with a minimum grade of C or STAT A253 with a minimum grade of C).
**Attributes:** UAA Integrative Capstone GER.

**DH A460 Instructional Concepts in Dental Hygiene 1 Credit**
Emphasizes foundational concepts in post-secondary instructional methodology specific for dental hygiene. Includes university organizational structure, course content guide and syllabus development, student privacy, American Dental Association standards, and instructor calibration.

**Registration Restrictions:** Departmental approval.
**Prerequisites:** DH A395C with a minimum grade of C.

**DH A495B Instructional Practicum in Dental Hygiene 1-4 Credits**
Emphasizes practical teaching experience in laboratory or clinical sessions. Combines classroom experience, presentation of material, competency assessment, and lecture correlation under the supervision of program faculty.

**Special Note:** Placement availability may be limited. May be repeated twice for a maximum of 4 credits.

**Registration Restrictions:** Instructor permission, departmental approval, and cardiopulmonary resuscitation certification.
**Prerequisites:** DH A321 with a minimum grade of C and DH A395C with a minimum grade of C.
DH A495E Rural Practicum in Dental Hygiene 1-3 Credits
Applies dental hygiene skills in the rural clinical situation under
the supervision of clinical faculty. Emphasizes dental needs of rural
communities.
Special Note: May be repeated twice for a maximum of 3 credits.
Registration Restrictions: AAS in Dental Hygiene; departmental
approval; current cardiopulmonary resuscitation certification.