Dental Hygiene (DH)

**DH F111 Dental Anatomy, Embryology and Histology**
2 Credits
Offered Fall
Introduction to embryology and histology of the periodontal tissues. Includes discussion of dental accretions and cariology.
**Prerequisites:** Admission to the dental hygiene program or permission of department.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F112 Techniques I for Dental Hygienists**
7 Credits
Offered Fall
A pre-clinical course introducing the basic dental hygiene procedures including data gathering, patient education and basic instrumentation. Emphasis is placed on skill development in basic instrumentation and infection control.
**Prerequisites:** Admission to the dental hygiene program.
**Lecture + Lab + Other:** 3 + 8 + 0

**DH F114 Anatomy of the Orofacial Structures**
2 Credits
Offered Fall
Provides students with knowledge to perform technical skills within the oral cavity, especially those relating to dental screening and record-taking.
**Prerequisites:** Permission of department.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F121 Periodontics I**
2 Credits
Introduction to periodontal disease. Emphasis is placed on recognition of periodontal disease and treatment planning.
**Prerequisites:** Admission to the dental hygiene program.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F122 Techniques II for Dental Hygienists**
4 Credits
Offered Spring
Introduces adjunctive techniques used in dental hygiene treatment. Basic manipulation of dental materials. Emphasis is placed on care of materials and restorations that are encountered intra-orally during dental hygiene treatment. Radiology lab provides opportunity to develop competence in exposing radiographs on patients under direct faculty supervision.
**Prerequisites:** Admission to the dental hygiene program.
**Lecture + Lab + Other:** 2 + 4 + 0

**DH F165 Introduction to Dental Pharmacology**
2 Credits
Offered Fall
Introduction to general concepts of pharmacology, the nature of drug reactions, individual responses to drugs, principles of neuropharmacology, toxicology, anti-infective therapy, effect of drugs on cardiovascular, endocrine and other body systems. Emphasis is placed on drugs used in dentistry.
**Prerequisites:** Permission of department.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F181 Clinical Practicum I**
4 Credits
Offered Spring
Provides opportunity for the student to achieve clinical skill competency with individuals presenting themselves as periodontally healthy or with signs of gingivitis.
**Prerequisites:** Admission to the dental hygiene program.
**Lecture + Lab + Other:** 0 + 0 + 12

**DH F182 Clinical Seminar I**
1 Credit
Offered Spring
Discussion and evaluation of clinical experiences encountered in DH F181. Emphasis is placed on review of treatment plans and case presentation. Introduces ethical and legal concerns of the dental hygiene profession. Guest speakers, patient management and teamwork are emphasized.
**Prerequisites:** Admission to the dental hygiene program.
**Lecture + Lab + Other:** 1 + 0 + 0

**DH F211 Periodontics II**
2 Credits
Offered Fall
Develops familiarity with current non-surgical and surgical techniques in the treatment of periodontal disease. Nutrition and immunology as it relates to periodontal diseases are discussed. Case presentations are made by students.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F212 Techniques III for Dental Hygienists**
3 Credits
Offered Fall
Advanced dental hygiene instruments and intra-oral techniques. Provides for discussion of patients with special needs.
**Prerequisites:** Completion of all F100-level dental hygiene class with a C- grade or better.
**Lecture + Lab + Other:** 1 + 4 + 0

**DH F214 Pathology of Oral Tissues**
2 Credits
Offered Fall
Includes the signs, symptoms, contagion recognition of selected diseases of the oral cavity and systemic diseases that manifest themselves in the oral cavity.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better; or permission of department.
**Lecture + Lab + Other:** 2 + 0 + 0

**DH F215 Principles of Dental Health**
3 Credits
Offered Spring
Provides a broad understanding of community dental health and dental epidemiology. Students develop and implement a basic community dental health project.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 2 + 0 + 3
DH F283  Clinical Practicum II
5 Credits
Offered Fall
Provides opportunity to achieve clinical skill competency with individuals presenting themselves with mild to moderate periodontal disease. Conducted in a clinical setting with volunteer patients and individualized instruction.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 0 + 0 + 15

DH F284  Clinical Seminar II
1 Credit
Offered Fall
Discussion and evaluation of clinical experiences encountered in DH F283. Emphasis is placed on review of treatment plans and case presentations of patients exhibiting mild to moderate periodontal disease.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 2 + 0 + 0

DH F285  Clinical Practicum III
6 Credits
Offered Spring
Provides opportunity to achieve clinical skill competency with individuals presenting themselves with moderate to advanced periodontal disease. Learning occurs through student practice and individualized instruction.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 0 + 0 + 18

DH F286  Clinical Seminar III
1 Credit
Offered Spring
Discussion and evaluation of clinical experiences encountered in DH F285. Emphasis is placed on review of treatment plans and case presentations of patients exhibiting mild to moderate periodontal disease.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better.
**Lecture + Lab + Other:** 2 + 0 + 0

DH F310  Oral Pain Control for Dental Hygienists
3 Credits
Offered Fall
Examines pharmacology, armamentarium, anatomical and physiological consideration, administration techniques and potential complication of local anesthetic. Analyzes pharmacology, techniques, medical contraindications and management complications accompanying administration and monitoring of nitrous oxide.
**Prerequisites:** Completion of all F100-level dental hygiene classes with a C- grade or better or current Alaska licensure in dental hygiene; permission of department; current certification in cardiopulmonary resuscitation.
**Lecture + Lab + Other:** 1.5 + 3 + 0