# DENTAL HYGIENE (DH)

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<th>Course Code</th>
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<tr>
<td>DH 102 #</td>
<td>Oral Biology</td>
<td>4</td>
<td>Histology and embryology of oral structure formation. Clinical recognition of normal oral structures, study of physiological and structural functions of the teeth, head and neck and supporting tissues.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 103 #</td>
<td>Head and Neck Anatomy</td>
<td>2</td>
<td>Anatomy of the head and neck with emphasis on structure and physiology of the oral cavity.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 104 #</td>
<td>Dental Hygiene I</td>
<td>3</td>
<td>Must be taken in sequence in dental hygiene curriculum. Introduction to dental hygiene practice. Use and care of instruments, medical and dental histories, appointment procedures and clinical operations.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 105 #</td>
<td>Intro to Clinical Practice</td>
<td>2</td>
<td>Must be taken concurrently with DH 104. Clinical application of diagnostic, preventive and therapeutic procedures utilized in patient care by a dental hygienist.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 107 #</td>
<td>Legal and Ethical Implications in Dental Hygiene</td>
<td>1</td>
<td>Introduction to professional, legal and ethical concepts in Dental Hygiene. (1 hour lecture/discussion)</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>SPRING</td>
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<tr>
<td>DH 110 #</td>
<td>Concepts of Oral Health</td>
<td>2</td>
<td>Basic concepts of oral health care, adjunctive aids and foundation of preventive strategies. Introduction to product evaluation, disease process, needs assessment, behavior modification, learning principles, deposits, stains and fluoride.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>SUM</td>
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<tr>
<td>DH 112 #</td>
<td>Oral Radiology</td>
<td>3</td>
<td>A study of the theory of radiology, the techniques of film exposure, processing, mounting and interpreting. Radiation dosage and hazards as well as protection services for patient and operator are stressed. (2 lecture hours, 3 Clinic hours)</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 113 #</td>
<td>General and Oral Pathology</td>
<td>3</td>
<td>The fundamentals of microscopic and gross pathology disease, repair, healing and regression. Recognition of the normal and abnormal in the oral cavity and human body. (3 lecture hours)</td>
<td>Prerequisite: Successful completion of all first semester Dental Hygiene courses and acceptance in the Dental Hygiene program.</td>
<td>SPRING</td>
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<tr>
<td>DH 115 #</td>
<td>Clinical Practice I</td>
<td>3</td>
<td>Practice in performing oral prophylaxis, equipment maintenance and sterilization, patient management, patient education, use of fluorides, charting and inspection of teeth, patient scheduling and follow up care systems. 12 hours clinic.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>SPRING</td>
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<tr>
<td>DH 118 #</td>
<td>Advanced Clinical Topics in Dental Hygiene</td>
<td>2</td>
<td>The focus of DH 118 is on advanced instrumentation, ultrasonic devices, root planing, gingival curettage, subgingival irrigation, hypersensitivity treatment, instrument sharpening, care of dental implants and oral prostheses, and other adjunct treatment.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>SPRING</td>
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<tr>
<td>DH 120 #</td>
<td>Fundamentals of Nutrition in Dentistry</td>
<td>3</td>
<td>Introduction to principles of basic biochemistry. Application of nutritional education to dental hygiene practice. (3 hours lecture).</td>
<td>Prerequisite: Successful completion of all first semester Dental Hygiene courses and acceptance in the Dental Hygiene program.</td>
<td>SPRING</td>
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<td>DH 202 #</td>
<td>Pharmacology</td>
<td>2</td>
<td>A study of drugs by groups with special emphasis on those used in dentistry including their physical and chemical properties, dosage and therapeutic effects. (2 lecture hours).</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>SPRING</td>
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<td>DH 203 #</td>
<td>Special Patients</td>
<td>2</td>
<td>Considerations in the treatment of patients with specific physical and mental challenges with a special emphasis on the management of the geriatric patient. (2 lecture hours)</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 205 #</td>
<td>Clinical Practice II</td>
<td>5</td>
<td>Clinical application of diagnostic, preventive, and therapeutic procedures utilized in patient care by a dental hygienist, with increased levels of achievement in all dental hygiene skills. 1 hour seminar, 16 hours clinic.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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<tr>
<td>DH 207 #</td>
<td>Periodontics I</td>
<td>2</td>
<td>The study of periodontal diseases, etiologies, recognition of normal periodontium and deviations of normal, clinical assessment, treatment, and prevention of disease progression.</td>
<td>Prerequisite: Acceptance to the Dental Hygiene program.</td>
<td>FALL</td>
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DH 208 # - Community Dental Health I
Units: 2
Functions of health care agencies, literature, epidemiology of dental
diseases, community preventive measures, program planning, the
geriatric population and dental health educational methods. (2 lecture
hours)
Enrollment requirements: Prerequisite: Acceptance to the Dental Hygiene
program.
Term Typically Offered: FALL

DH 209 # - Pain and Anxiety Control
Units: 3
Administration of local anesthetics and nitrous oxide/oxygen analgesia.
Pharmacological agents, physical and emotional evaluation of patients,
anatomy and neurophysiology. Management of related medical
emergencies. (2 hours lecture, 3 hours laboratory.)
Enrollment requirements: Prerequisite: Acceptance to the Dental Hygiene
program.
Term Typically Offered: SPRING

DH 211 # - Dental Materials and Techniques
Units: 2
Study of dental materials including physical and chemical properties,
manipulation, utilization, and application in dental and dental hygiene
procedures.
Enrollment requirements: Prerequisite: Acceptance to the Dental Hygiene
program.
Term Typically Offered: FALL

DH 214 # - Periodontics II
Units: 1
Advanced study of periodontology with special emphasis on new surgical
modalities and equipment. Orientation to all aspects of periodontal
practice.
Enrollment requirements: Prerequisite: DH 207 and acceptance in the Dental
Hygiene program.
Term Typically Offered: SPRING

DH 215 # - Clinical Practice III
Units: 5
A continuation of Clinical Practice II. 1 hour seminar, 16 hours clinic.
Enrollment requirements: Prerequisite: DH 205 and acceptance to the Dental
Hygiene program.
Term Typically Offered: SPRING

DH 216 # - Principles of Dental Practice
Units: 1
Concepts of dental office management, productivity, marketing,
interviewing and responsibilities of professionals. (1 lecture hour.)
Enrollment requirements: Prerequisite: Acceptance to the Dental Hygiene
program.
Term Typically Offered: SPRING

DH 218 # - Community Dental Health II
Units: 2
Designed to prepare the students to function as an effective oral health
practitioner, educator and resource person in a variety of community
health settings. Includes field experience. Implement a program designed
to change the health status of a target group. (1 hour lecture, 3 hours
clinic/lab).
Enrollment requirements: Prerequisite: DH 208 and acceptance in the Dental
Hygiene program.
Term Typically Offered: SPRING

DH 299 # - Independent Study
Units: 1-5
Covers selected topics of interest to dental hygiene students, including
review of Dental Hygiene National Board Examination. Graded pass/fail
only.
Transferability: May not transfer towards an NSHE bachelor's degree
Enrollment requirements: Prerequisite: Acceptance to the Dental Hygiene
program.