DEH 101 | Preclinical Dental Hygiene Lecture  
Lecture Credit: 2  
Explores basic dental hygiene theory and development of basic skills. Focuses on the application of diagnostic, preventative and therapeutic procedures and includes an introduction to dentistry and dental hygiene, dental and medical terminology, infection control, the removal of tooth deposits, patient medical and dental histories, preventive instruction and treatment planning.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123

DEH 102 | Preclinical Dental Hygiene Care  
Lab Credit: 3  
Focuses on clinical experiences in basic dental hygiene procedures and techniques including basic instrumentation, infection control, and patient assessment skills. Students participate in a variety of clinical learning experiences.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 101, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123

DEH 103 | Dental Anatomy and Histology  
Lecture Credit: 3  
Focuses on a study of the anatomical and histological features of the teeth and other oral structures of the oral cavity. Includes terminology, anatomical landmarks, and tooth identification. Introduces histology, the embryology of the face and oral and nasal cavities, development of the teeth, and the histological features of the various components of the teeth and surrounding structures.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 101, DEH 102, DEH 104, DEH 111, DEH 116, and DEH 123

DEH 104 | Dental Radiology  
Lecture Credit: 2 Lab Credit: 1  
Introduces principles of x-radiation production and safety factors; application and theory of properly exposing, processing, mounting and evaluating radiographs; identification of normal anatomic landmarks and pathologic conditions. Focuses on utilization of the laboratory in performing procedures necessary to produce quality radiographs.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 101, DEH 102, DEH 103, DEH 111, DEH 116, and DEH 123

DEH 111 | Dental and Medical Emergencies  
Lecture Credit: 2  
Introduces the management of emergency situations in the dental office setting. Emphasizes reduction of risk for emergencies, identification and management of anxiety, and stress recognition protocol. Provides practical skills applicable to dental hygienists and the scope of responsibility for medical emergency management as dictated by state dental practice law. Covers the basic categories of emergencies, causes and management. Includes content and use of emergency kits and oxygen support systems.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 116, and DEH 123

DEH 121 | Dental Hygiene Theory and Development  
Lecture Credit: 3  
Provides the dental hygiene student with a sound knowledge of the science of dental materials. Covers didactic and laboratory experiences and the physical properties, basic chemistry, and the clinical applications of the materials used in the practice of dentistry.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 122, DEH 132, DEH 153, DEH 170, and DEH 213

DEH 122 | Periodontics I  
Lecture Credit: 2  
Introduces the principles of periodontics. Focuses on recognition of the tissues in health and disease, macro and microanatomy of the periodontium, and histopathology of periodontal diseases and other related gingival conditions. Provides the theory and discussion of periodontal assessment, etiology, epidemiology, inflammatory process/immune response, and the AAP classification system.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 126, DEH 132, DEH 153, DEH 170, and DEH 213

DEH 123 | Head & Neck Anatomy  
Lecture Credit: 1  
Focuses on the study of head and neck anatomy with emphasis on the muscles of mastication, the lymphatics, the TMJ, the nerve and vascular supply, and the oral cavity.  
Prerequisite: DEH 100 with a grade of C or better  
Corequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, and DEH 116

DEH 126 | Dental Materials  
Lecture Credit: 1 Lab Credit: 1  
Provides the dental hygiene student with a sound knowledge of the science of dental materials. Covers didactic and laboratory experiences and the physical properties, basic chemistry, and the clinical applications of the materials used in the practice of dentistry.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 122, DEH 132, DEH 153, DEH 170, and DEH 213

DEH 130 | Community Caring and Delivery of Healthcare Services  
Lecture Credit: 1 Lab Credit: 1  
Provides a working knowledge of the theory and practice of local anesthesia as applied to the practice of dentistry/dental hygiene. Emphasizes mastery of the armamentarium and techniques of regional anesthesia. Covers the knowledge and skills necessary to administer local anesthetics proficiently and safely.  
Prerequisite: DEH 122, DEH 126, DEH 132, DEH 153, DEH 170, and DEH 213 with a grade of C or better  
Corequisite: DEH 138, DEH 150, and DEH 171
DEH 138 | Nitrous Oxide/Oxygen Sedation  
Lecture Credit: .5 Lab Credit: .5  
Provides a working knowledge of the latest equipment and methods of nitrous oxide/oxygen sedation administration in the dental office.  
Prerequisite: DEH 122, DEH 126, DEH 132, DEH 153, DEH 170, and DEH 213 with a grade of C or better  
Corequisite: DEH 133, DEH 150, and DEH 171  

DEH 150 | Dental Lasers: Theory and Practice  
Lecture Credit: .5 Lab Credit: .5  
Integrates the theory and practice of diode lasers into dental hygiene treatment. Course instruction into the mechanics of lasers followed by hands-on lab experience and ultimate integration into the clinical setting. Students will be laser certified upon completion of the course.  
Prerequisite: DEH 122, DEH 126, DEH 132, DEH 153, DEH 170, and DEH 213 with a grade of C or better  
Corequisite: DEH 133, DEH 138, and DEH 171  

DEH 153 | Clinical Theory of Dental Hygiene I  
Lecture Credit: 2  
Builds on the broad theoretical basis provided in DEH 101 and DEH 102. Focuses on enhancing patient assessment skills, instrumentation and additional information on preventative and prophylactic clinical procedures.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 122, DEH 126, DEH 132, DEH 170, and DEH 213  

DEH 170 | Clinical Practice of Dental Hygiene I  
Clinical Credit: 4  
Provides clinical experience in patient skills assessment, instrumentation and additional preventative and prophylactic clinical procedures.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 122, DEH 126, DEH 132, DEH 153, and DEH 213  

DEH 171 | Clinical Practice of Dental Hygiene I-A  
Clinical Credit: 2  
Continues patient care sessions for the performance of traditional dental hygiene treatment. Enables the student to provide treatment to periodontally involved patients utilizing advanced instrumentation and power scaling.  
Prerequisite: DEH 122, DEH 126, DEH 132, DEH 153, DEH 170, and DEH 213 with a grade of C or better  
Corequisite: DEH 133, DEH 138, and DEH 150  

DEH 175 | Special Topics  
Exploration of current topics, issues and activities related to one or more aspects of the named discipline.  
Prerequisite: This course may require prerequisites or permission of instructor  
Note: Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.  

DEH 202 | Applied Nutrition in Dentistry  
Lecture Credit: 2  
Gives students a fundamental understanding of general nutrition with an emphasis on the interrelationship between nutrition and dental health. Focuses on recognizing nutritional deficiencies and how to conduct and evaluate nutritional surveys on patients.  
Prerequisite: DEH 133, DEH 138, DEH 150, and DEH 171 with a grade of C or better  
Corequisite: DEH 204, DEH 242, DEH 268, and DEH 270  

DEH 204 | Community Dental Health I  
Lecture Credit: 2  
Course provides instruction in the concepts, methods and issues of dental public health. Emphasis is placed on evidence-based criteria for effective promotion and prevention of dental disease in the public health setting. Concepts of dental health education and program planning in the community setting are reinforced through case based materials, including methods of assessment, planning, implementation and evaluation of effectiveness. Course activities will reinforce skills in speaking and writing effectively in preparation for the subsequent community dental health field experience course.  
Prerequisite: DEH 133, DEH 138, DEH 150, and DEH 171 with a grade of C or better  
Corequisite: DEH 202, DEH 242, DEH 268, and DEH 270  

DEH 213 | General and Oral Pathology  
Lecture Credit: 3  
Focuses on the fundamentals of general pathology and the disease process. Covers oral pathology with emphasis on recognition and identification of pathologic conditions that most frequently occur around the oral cavity. Helps students identify appropriate referral mechanisms to render a definitive diagnosis.  
Prerequisite: DEH 101, DEH 102, DEH 103, DEH 104, DEH 111, DEH 116, and DEH 123 with a grade of C or better  
Corequisite: DEH 122, DEH 126, DEH 132, DEH 153, and DEH 170  

DEH 221 | Ethics and Practice Management  
Lecture Credit: 2  
Focuses on the transition from an educational environment to a working dental business. Enables the student to learn management skills of operating a dental office. Emphasizes opportunities for self-exploration in development of personal and professional goals. Examines professional ethics, legal issues, and the relationship to the licensed practice of dental hygiene.  
Prerequisite: DEH 202, DEH 204, DEH 242, DEH 268, and DEH 270 with a grade of C or better  
Corequisite: DEH 225, DEH 271, DEH 282, and DEH 285  

DEH 225 | Community Dental Health II  
Lecture Credit: 1  
Provides practical application of community dental health theory and opportunities to conduct needs assessments on a variety of populations. Emphasizes meeting the educational needs of specific populations through program planning, implementation and evaluation. Incorporates supervised field experiences in low-income, school and other public facilities as well as private health and education oriented organizations.  
Prerequisite: DEH 202, DEH 204, DEH 242, DEH 268, and DEH 270 with a grade of C or better  
Corequisite: DEH 221, DEH 271, DEH 282, and DEH 285  

DEH 242 | Periodontics II  
Lecture Credit: 2  
Continues to explore theoretical/clinical preparations with emphasis on dental hygiene process of care, treatment planning, non-surgical treatment, evaluation of treatment, and maintenance needs of the periodontal patient. Develops research and decision making skills with use of library and Internet resources relating to risk factors, etiologic agents, and treatment modalities. Includes comprehensive periodontal assessment, supplemental diagnostics, periodontal pharmacology, and evidence based treatment planning.  
Prerequisite: DEH 133, DEH 138, DEH 150, and DEH 171 with a grade of C or better  
Corequisite: DEH 202, DEH 204, DEH 268, and DEH 270  

DEH 266 | National Boards Review  
Lecture Credit: 2  
Provides formal review sessions for second year dental hygiene students preparing to sit for the National Board Examination.  
Prerequisite: Third-semester DEH coursework with a grade of C or better  
Corequisite: Fourth-semester DEH course work
DEH 268 | Clinical Theory of Dental Hygiene II
Lecture Credit: 2

Provides the didactic theory for clinical practice of dental hygiene skills at the beginning of the second year of dental hygiene curriculum. Builds on clinic theory from first year curriculum to provide the knowledge base needed for treatment of patients with more advanced periodontal disease and medical/health factors. Focuses on: periodontal charting and documentation, interpretation of periodontal factors on radiographs, use of treatment planning in the dental hygiene process of care, legal parameters of record keeping and informed consent, use of oral photography, application of sealants, treatment of dental hypersensitivity, application of chemotherapeutics and professional oral irrigation, application of ergonomics in dentistry, clinical dental hygiene treatment considerations for patients with history of cardiac complications and diabetes.

Prerequisite: DEH 133, DEH 138, DEH 150, and DEH 171 with a grade of C or better
Corequisite: DEH 202, DEH 204, DEH 242, and DEH 270

DEH 270 | Clinical Practice of Dental Hygiene II
Lab Credit: 6

Covers patient care sessions for the performance of traditional dental hygiene treatment. Continues and expands periodontal patient care and special patient care sessions. Focuses on clinical competence in margination and polishing of restorations, nutrition counseling, oral irrigation, chemotherapeutics and OSHA compliance.

Prerequisite: DEH 133, DEH 138, DEH 150, and DEH 171 with a grade of C or better
Corequisite: DEH 202, DEH 204, DEH 242, and DEH 268

DEH 271 | Clinical Practice of Dental Hygiene III
Clinical Credit: 7

Continues patient care session with emphasis on attaining a level of competency and efficiency for successful performance in clinical board exams and private practice. Focuses on clinical skill development in tobacco cessation, product selection, patient communications, curettage and special topics developed patient treatments. Provides elective extra-mural clinical sites for additional practice.

Prerequisite: DEH 202, DEH 204, DEH 242, DEH 268, and DEH 270 with a grade of C or better
Corequisite: DEH 221, DEH 225, DEH 282, and DEH 285

DEH 282 | Periodontics III
Lecture Credit: 1

Course provides comprehensive dental hygiene clinical management techniques for periodontal patients supported by application of basic clinical research sciences. Focus is on the "therapy" component of periodontics including instructional sessions covering the general principles of periodontal surgery, the surgical management of soft tissues and osseous defects, wound healing, implants, and the role of occlusion in periodontal therapy.

Prerequisite: DEH 202, DEH 204, DEH 242, DEH 268, and DEH 270 with a grade of C or better
Corequisite: DEH 221, DEH 225, DEH 271, and DEH 285

DEH 285 | Clinical Theory of Dental Hygiene III
Lecture Credit: 2

Serves as the capstone course of the final semester of a two-year curriculum. Prepares the student for two major goals: basic competence for transition to provision of dental hygiene services in private practice; and the ability to successfully pass both written National Boards examinations and regional dental hygiene clinical examinations. Emphasizes the application of case based learning. Major topics include: cosmetic bleaching, air powered polishing devices, application of the re-evaluation process in treatment planning for periodontally involved cases, preparation for the CRDTS regional clinical exam process, application of an effective tobacco cessation process, technique and process for gingival curettage, technique and process for amalgam polishing and margination, care of cosmetic dental restorations, and maintenance of implants.

Prerequisite: DEH 202, DEH 204, DEH 242, DEH 268, and DEH 270 with a grade of C or better
Corequisite: DEH 221, DEH 225, DEH 271, and DEH 282

Note: Students must receive a B or better in this course.

DEH 301 | Advanced Careers in Dental Hygiene
Lecture Credit: 3

Provides an overview of the career options available to the dental hygienist with an advanced degree. In depth analysis of alternative careers to include: public health systems, dental hygiene education, research, sales and marketing, oral health policy and oral health care delivery systems.

Prerequisite: Students must be enrolled in the Bachelor of Applied Science in Dental Hygiene program.

DEH 302 | Research Methodologies
Lecture Credit: 3

Develops the skills necessary to identify and develop a research topic, navigate a research database and develop an effective, scientifically sound, and persuasive research paper with specific emphasis on dental and dental hygiene topics.

Prerequisite: Students must be enrolled in the Bachelor of Applied Science in Dental Hygiene program.

DEH 326 | Oral Health Promotion
Lecture Credit: 3

This course focuses on the assessment of oral health needs and issues of designated populations, recommends strategies to meet those needs along with advanced concepts involving risk reduction, health literacy strategies, and epidemiology.

Prerequisite: DEH 301, DEH 302

DEH 345 | Advanced Dental Nutrition
Lecture Credit: 3

Examines program planning and evaluation, healthcare policy, and cultural and nutritional issues specific to community nutrition and its relationship to oral health.

Prerequisite: Students must be enrolled in the Bachelor of Applied Science in Dental Hygiene program.

DEH 347 | Dental Hygiene Business Administration
Lecture Credit: 3

Examines the intricacies of business including accounting, finance, marketing and management with special emphasis on dental and dental hygiene practice issues, business planning and ethical considerations.

DEH 355 | Social Issues in Oral Health
Lecture Credit: 3

Evaluates the complexity and interplay of social and physical environmental structures, economic systems, and behavioral patterns that affect overall health with a focus on health services, health beliefs and their impact on health-related behavior choices.

Prerequisite: Grade of C or better in DEH 301 and DEH 302
DEH 375 | Special Topics
Provides student with a vehicle to pursue in depth exploration of a special topic of interest.
Prerequisite: This course may require prerequisites or permission of instructor.
Note: Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.

DEH 387 | Leadership & Administration
Lecture Credit: 3
Examines the skills needed for leadership roles in public health, community health, education, business and industry with emphasis on leadership theories and application.
Prerequisite: Grade of C or better in DEH 301 and DEH 302

DEH 412 | Teaching Strategies and Methods for the Dental Hygiene Educator
Lecture Credit: 3
This course focuses on preparation of the dental hygiene instructor/oral health promoter for a successful teaching experience in the classroom, clinic, or community setting. Major themes include applying teaching methodologies, psychomotor learning theories, feedback techniques and motivational strategies to direct learning.
Prerequisite: Completion of DEH 301, DEH 302, DEH 355, and DEH 326 with a "C" or better

DEH 475 | Special Topics
Provides student with a vehicle to pursue in-depth exploration of a special topic of interest.
Note: Special topics courses range from 0-12 credits and vary in learning type. Please see your program chair for more information about your options.

DEH 479 | Diversity and Cultural Competence Research: Relationship to the Delivery of Oral Health
Lecture Credit: 3
This course examines knowledge, beliefs, and behaviors that influence healthcare choices and become barrier to healthcare services by creating cultural competence with a positive effect on patient care delivery and acceptance of treatment.
Prerequisite: Acceptance into the Dental Hygiene Bachelor of Applied Science program

DEH 479 | Diversity and Cultural Competence: Relationship to the Delivery of Oral Health
Lecture Credit: 3
This course examines knowledge, beliefs, and behaviors and influence healthcare choices and become barriers to healthcare services by creating cultural competence with a positive effect on patient care delivery and acceptance and treatment.
Prerequisite: Acceptance into the Dental Hygiene (DEH) Bachelor of Applied Science (BAS) program

DEH 481 | Internship I
Internship Credit: 2
Applies community program planning experiences in a community health setting with oral health promotion and delivery through direct work experience.
Prerequisite: Grade of C or better in DEH 325 and DEH 425

DEH 482 | Internship II
Internship Credit: 2
Applies community program planning experiences in a community health setting with oral health promotion and delivery through direct work experience as a continuation of Public Health Internship I.
Prerequisite: Grade of C or better in DEH 481