

## Dental Hygiene (DENT)

### DENT 1000 Introduction to Dental Professions

1

Explores the main aspects of the dental profession. Introduces head and neck anatomy, tooth morphology, periodontology, and dental instrumentation skills. Explains the various dental specialty programs. Studies broad topics in dental professions.

### DENT 1010 Dental Hygiene I

3

\* Prerequisite(s): Acceptance into Dental Hygiene program

\* Corequisite(s): DENT 1015

For students accepted into the Dental Hygiene Program. Introduces basic principles and skills used in the practice of dental hygiene, including infection control, patient assessment and treatment. Requires practicing on dental mannequins and student patients. Teaches all skills to clinical competence. Builds on basic and dental sciences and is foundational for the ensuing Dental Hygiene II, III, and IV courses. Course fee of \$3175 for practical experience applies.

### DENT 1015 Dental Hygiene I Preclinical lab

2

\* Prerequisite(s): Acceptance into Dental Hygiene program

\* Corequisite(s): DENT 1010

For students accepted into the Dental Hygiene Program. Introduces basic principles and skills used in the clinical practice of dental hygiene, including infection control, patient assessment and treatment. Skills are practiced in a preclinical setting on dental mannequins and student patients; all skills are taught to clinical competence. Builds on basic and dental sciences and prepares for clinical dental hygiene practice on community patients. Course Lab fee of \$73 applies.

### DENT 1020 Oral Anatomy and Physiology

4

\* Prerequisite(s): Acceptance into Dental Hygiene program

For students in the Dental Hygiene Program. Focuses on study of the normal development, structure, and function of the orofacial region. Provides microscopic and macroscopic study of oral structures in a laboratory setting. Builds on basic sciences and prepares for the study of the dental sciences and clinical dental hygiene.

### DENT 1030 Dental Materials

2

\* Prerequisite(s): Accepted into Dental Hygiene program

Presents the history, composition, chemical, and physical properties and use of materials commonly utilized in the dental laboratory and dental operator. Builds on dental sciences. Provides laboratory experience in performing common dental laboratory procedures and prepares for the clinical practice of expanded functions. Course Lab fee of \$75 applies.

### DENT 1040 Dental Hygiene II

3

\* Prerequisite(s): Acceptance into Dental Hygiene program

\* Corequisite(s): DENT 1015

Provides advanced dental hygiene modalities, including oral health education, practice management, patient assessment and treatment. Emphasizes treatment planning and emergency preparedness. Builds on basic and dental sciences and prepares for clinical dental hygiene practice. Course fee of \$3175 for practical experience applies.

### DENT 1045 Dental Hygiene II Clinical

3

\* Prerequisite(s): Acceptance into Dental Hygiene program

\* Corequisite(s): DENT 1040

Provides for developing clinical dental hygiene skills, practiced on patients in a clinical setting, including oral health education, practice management, patient assessment and treatment. Emphasizes treatment planning and emergency preparedness. All skills are taught to clinical competence. Builds on basic and dental sciences and prepares for clinical dental hygiene practice. Course Lab fee of \$85 applies.

### DENT 1050 Clinical Dental Radiography

1

\* Prerequisite(s): Acceptance in Dental Hygiene program

\* Corequisite(s): DENT 1055

Focuses on radiation physics, biology, protection and quality dental techniques. Prepares competency in film processing, mounting, interpretation of errors, recognition of anatomical landmarks, and evidence of pathologies. Builds on basic and dental sciences and prepares for clinical dental hygiene practice.

### DENT 1055 Clinical Dental Radiography Lab

1

\* Prerequisite(s): Acceptance into Dental Hygiene program

\* Corequisite(s): DENT 1050

Focuses on clinical application of radiation physics, biology, protection and quality dental techniques. Prepares students for competency of film processing and mounting, interpretation of errors, recognition of anatomical landmarks, and evidence of pathologies. Practices skills on radiographic mannequins in a laboratory setting. Builds on basic and dental sciences and prepares for clinical dental hygiene practice. Course Lab fee of \$74 applies.

### DENT 1060 General and Oral Pathology

2

\* Prerequisite(s): Acceptance into Dental Hygiene program

Focuses on the study of commonly encountered systemic and oral diseases; etiology, presentation, treatment and effect on dental treatment, including associated emergency procedures. Emphasizes the principles of inflammation, immunology, healing, and repair. Builds on basic and dental sciences and prepares for clinical dental hygiene practice.

### DENT 1070 Medical Emergencies in the Dental Office

2

\* Prerequisite(s): Acceptance into Dental Hygiene program

Introduces the basic principles and management of medical emergencies that could occur in a dental office, including the care and clinical management of medically compromised patients.

### DENT 2020 Dental Pharmacology

3

\* Prerequisite(s): Accepted into Dental Hygiene program

Focuses on pharmacology as it affects the clinical practice of dentistry. Emphasizes drugs commonly used in dentistry, for treatment of common systemic and oral diseases, and for emergency treatment: effects, administration, and toxicology. Builds on basic and dental sciences and prepares for clinical dental hygiene practice.

# Course Descriptions

## **DENT 206G** **Oral Public Health**

**3**  
\* Prerequisite(s): Acceptance into the Dental Hygiene Program

Examines the principles of community health, including assessment, planning, implementation, and evaluation of health care, with an emphasis on oral health. Builds on knowledge of ethics, basic and dental sciences, and clinical dental hygiene practice. Provides the knowledge and skills necessary to function in a community health setting and includes learning experiences in community health agencies. Analyzes and evaluates global or intercultural issues. Evaluates cultural rules and biases. Explores stereotypical cultural conceptions.

## **DENT 3010** **Pain Management**

**3**  
\* Prerequisite(s): Acceptance into Dental Hygiene program and University Advanced Standing  
\* Corequisite(s): DENT 3015

Focuses on pain control including local and topical oral anesthesia, nitrous oxide conscious sedation and other means of pain control, which is accepted as standard of care. Applies gained knowledge for direct clinical application on patients in the clinical setting. Demonstrates preclinical competence in the laboratory setting. Builds on basic and dental sciences and prepares the student for clinical dental hygiene practice and prepares students for regional anesthesia board exams. Course fee of \$3175 for practical experience applies.

## **DENT 3015** **Dental Hygiene III Clinical**

**4**  
\* Prerequisite(s): Acceptance into Dental Hygiene program and University Advanced Standing  
\* Corequisite(s): DENT 3010

Introduces skills involving oral anesthesia (pain control) and supportive periodontal treatment. Utilizes advanced skills of dental hygiene practice, including assessment and treatment on patients of all ages in a clinical setting, with emphasis on planning and comprehensive treatment. Requires demonstration of clinical competence unless otherwise noted in the course outline. Includes more rigorous skill and patient difficulty levels than the first year clinical experiences. Builds on basic and dental sciences and foundational skills to include DENT3010, and prepares the student for clinical dental hygiene practice. Course Lab fee of \$63 applies.

## **DENT 3030** **Periodontology**

**3**  
\* Prerequisite(s): Acceptance into the Dental Hygiene Program and University Advanced Standing

Focuses on the study of the healthy periodontal tissues, and the factors, recognition, and classes of periodontal disease. Provides background knowledge of nonsurgical and surgical treatment of periodontal disease. Builds on basic and dental sciences and prepares for clinical dental hygiene practice.

## **DENT 3040** **Dental Hygiene IV**

**2**  
\* Prerequisite(s): Acceptance into Dental Hygiene program and University Advanced Standing  
\* Corequisite(s): DENT 3045

Provides comprehensive didactic experience in all phases of dental hygiene practice for patients, regardless of special needs. Introduces nutritional and tobacco cessation counseling. Builds on basic and dental sciences and prepares for various practice settings in clinical dental hygiene. Course fee of \$3175 for practical experience applies.

## **DENT 3045** **Dental Hygiene IV Clinical**

**4**  
\* Prerequisite(s): Acceptance into the Dental Hygiene Program and University Advanced Standing  
\* Corequisite(s): DENT 3040

Provides comprehensive clinical experience in all phases of dental hygiene practice for patients, to include special needs. Teaches to clinical competence. Introduces nutritional and tobacco cessation counseling. Builds on basic and dental sciences and prepares for various practice settings in clinical dental hygiene. Course Lab fee of \$63 applies.

## **DENT 3050** **Ethics and Practice Management**

**1**  
\* Prerequisite(s): Acceptance into the Dental Hygiene Program

Explores topics relevant to contemporary practice of dental hygiene, including professional roles, career and stress management, ethical and legal aspects, and the role of the dental hygienist in the dental specialty practices. Builds on clinical practice and prepares for entry into the many aspects of the profession of dental hygiene. Includes observation of various dental specialty practices.

## **DENT 3060** **Advanced Dental Hygiene Public Health**

**3**  
\* Prerequisite(s): DENT 206G and University Advanced Standing

Examines current and future issues in oral public health. Investigates barriers and solutions to health concerns. Analyzes and evaluates community needs and oral health issues. Incorporates elements of public health into practice of dental hygiene. Prepares students to design a business/practice model for public health dental hygienists. Builds on community health theories and models learned in the associate-level community dental health course.

## **DENT 307G** **Domestic Multicultural Experience**

**2**  
\* Prerequisite(s): Accepted into Dental Hygiene program and University Advanced Standing

Examines the principles of community health, socioeconomic status and personal bias. Builds on knowledge of ethics, basic and dental sciences, and clinical dental hygiene practice. Provides the knowledge and skills necessary to function in a community health setting and includes learning experiences in community health agencies.

## **DENT 3100** **Office and Private Practice for the Dental Hygienist**

**3**  
\* Prerequisite(s): 2 year hygiene degree, departmental approval, and University Advanced Standing

Expands beyond the dental hygiene basics taught in hygiene school. Addresses topics in dental hygiene practice that will help the clinical dental hygienist become more proficient in their field and a leader in dental hygiene. Studies practice management issues, productivity, salary enhancement, cutting edge technology, dental insurance, salaries and benefits, team work, patients and money considerations, and other challenges faced in the dental hygiene profession.

## **DENT 3200** **Teaching the Dental Hygiene Patient WE**

**3**  
\* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing

Addresses areas such as learning theories, teaching strategies, societal-cultural considerations, and evaluation and applies them specifically to the needs of the dental hygienist when teaching his/her patients and the community at large.

**DENT 406G****Global Community Health Project****3**

\* Prerequisite(s): Admissions to the Dental Hygiene Program or upon approval by program director, and University Advanced Standing

Addresses the complexities inherent in global and/or intercultural oral health and the community health theories and strategies used to address these concerns. Includes the planning and execution of a 10 day oral health education or service project in either another culture or another country (e.g., Native American reservation in Utah or Guatemala). Students from all disciplines may participate.

**DENT 4200****Teaching the Dental Hygiene Student****3**

\* Prerequisite(s): DENT 3200, DENT 3060, and University Advanced Standing

Prepares the dental hygienist to become a successful educator in a dental hygiene program by addressing areas such as: learning theories, teaching strategies, learning objectives, lesson plans, syllabi, curriculum design evaluation tools, and roles of an educator. May be delivered online.

**DENT 4300****Dental Hygiene Capstone****1**

\* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing

Requires the student to integrate several main areas of study in the BS program and create a paper or project that reflects comprehensive knowledge and ability to reflect, connect and then produce a work based on their learning experiences throughout the BS program.

**DENT 481R****Internship in Dental Hygiene****1 to 4**

\* Prerequisite(s): University Advanced Standing and Dental Hygiene Department approval

Utilizes the student's current practice as a dental hygienist to further apply and develop their skills and knowledge. May be repeated for up to 8 credits toward the BS Dental Hygiene.

**DENT 489R****Undergraduate Research in Dental Hygiene WE****3**

\* Prerequisite(s): Acceptance into Dental Hygiene program and University Advanced Standing

Explores research proposal process and design. Provides opportunity to develop basic research skills in searching and critically appraising evidence-based literature. Engages in evidence-based decision making, developing clinical questions and translating research into practice. Creates a significant intellectual and creative research proposal in the dental discipline. May be repeated for a maximum of 6 credits toward graduation.

**DENT 490R****Special Topics in Dental Hygiene****3**

\* Prerequisite(s): Accepted into Dental Hygiene program and University Advanced Standing

Explores special topics in Dental Hygiene. Focuses on current and future themes relevant to the profession of dental hygiene including societal, economic, and cultural impact. Topics are subject to change from year to year. May be repeated for a maximum of 6 credits toward graduation.