### Dental Hygiene (DENT)

**DENT 1010**
**Dental Hygiene I**
3:0  
Fall  
* 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**
2:0:6  
Fall  
* 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**
4:3:3  
Fall  
* Prerequisite(s): Departmental permission required

For students accepted into 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**
2:1:3  
Fall  
* Prerequisite(s): Departmental permission required

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; all skills are taught to laboratory competence. Course Lab fee of $75 applies.

**DENT 1040**
**Dental Hygiene II**
3:3:0  
Spring  
* 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**
3:0:9  
Spring  
* 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**
1:1:0  
Spring  
* Prerequisite(s): Acceptance in Dental Hygiene program  
* Corequisite(s): DENT 1055

Focuses on radiation physics, biology, protection, quality, dental techniques, film processing and mounting, interpretation of errors, recognition of anatomical landmarks, and evidence of pathologies. This is then applied in the corequisite radiology lab course. Builds on basic and dental sciences and prepares for clinical dental hygiene practice.

**DENT 1055**
**Clinical Dental Radiography Lab**
1:0:3  
Spring  
* Prerequisite(s): Acceptance into Dental Hygiene program  
* Corequisite(s): DENT 1050

Focuses on clinical application of radiation physics, biology, protection, quality, dental techniques, film processing and mounting, interpretation of errors, recognition of anatomical landmarks, and evidence of pathologies. Practices skills on radiographic mannequins in a laboratory setting; all skills are taught to clinical competence. 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**
2:2:0  
Spring  
* 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**
1:1:0  
Fall  
* 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**
3:3:0  
Fall  
* Prerequisite(s): Departmental permission required

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.

**DENT 2060**
**Community Dental Hygiene**
3:2:3  
Spring  
* Prerequisite(s): Departmental permission required

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.
DENT 3010
Dental Hygiene III
3:3:0  Fall
* Prerequisite(s): Acceptance into Dental Hygiene program and University Advanced Standing
* Corequisite(s): DENT 3015
Focuses on pain control to include local and topical oral anesthesia, nitrous oxide conscious sedation and other means of pain control that will be taught to the accepted standard of care. Requires application of knowledge gained from this course to direct clinical application on their patients in the clinical setting. Builds on basic and dental sciences and prepares the student for clinical dental hygiene practice and will also prepare the student for their local anesthesia boards exams. Course fee of $3175 for practical experience applies.

DENT 3015
Dental Hygiene III Clinical
4:0:12  Fall
* 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
3:3:0  Fall
* Prerequisite(s): Departmental permission required 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
2:2:0  Spring
* 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
4:0:12  Spring
* Prerequisite(s): Acceptance into 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. Course 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
Dental Hygiene Seminar
1:1:0  Spring
* Prerequisite(s): Departmental permission and University Advanced Standing
Explores topics relevant to contemporary practice of dental hygiene, including their 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
2:1:3  Fall
* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing
Examines current and future issues in oral public health. Examines barriers and solutions to health concerns. Teaches students to produce a program or process to address an issue.

DENT 3100
Office and Private Practice for the Dental Hygienist
3:3:0  Fall
* 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
2:2:0  Fall
* 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 360G
Intercultural Dental Education
3:3:0  Not Offered
* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing
* Prerequisite(s) or Corequisite(s): DENT 4200
Reviews teaching and learning theories as students design a culturally appropriate oral hygiene curriculum to meet a required need in a community setting, elementary school, civic group or at an international university. Includes concepts of community health such as: needs assessment/survey; analysis/diagnosis: project planning (curriculum planning); implementation and evaluation. Covers topics dealing with cultural sensitivity and diversity education. Provides students the option to either implement their oral hygiene education program on site (in country) or conduct a pilot program (trial run) locally if travel is not an option.

DENT 4010
Cutting Edge Seminar
1:1:0  Not Offered
* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing
This seminar discusses and exposes the students to the latest in technology, information, discoveries, protocols and procedures in the field of dental hygiene. Guest speakers in the field will be an important part of the seminar.
DENT 406G
Global Community Health Project
3:3:0  Not Offered
* Prerequisite(s): Admission to the BS Dental Hygiene 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 two-week oral health education or promotion project in either another country or among another culture (e.g., Native American reservation in Utah or Ghana, West Africa).

DENT 4200
Teaching the Dental Hygiene Student
2:2:0  Spring
* Prerequisite(s): DENT 3200, DENT 3060, and University Advanced Standing

Prepares the dental hygienist to become a successful dental hygiene 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
1:1:0  Spring
* 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 4:5:1.5 to 10.5  Fall
* Prerequisite(s): Admission to the BS Dental Hygiene and University Advanced Standing

Refers to and utilizes the student's current private practice situation as a practicing dental hygienist to further apply and develop their skills and knowledge. Requires the student to keep a reflective journal and produce a paper relating to his/her experience. May be repeated for up to 8 hours with only 4 credits applying toward the BS Dental Hygiene. May be graded credit/no credit.

DENT 489R
Undergraduate Research in Dental Hygiene
3:0:9  On Sufficient Demand
* Prerequisite(s): Departmental Approval and University Advanced Standing

Provides students with the opportunity to conduct research under the mentorship of a faculty member. Students will put in practice the theoretical knowledge gained in their prior major courses. Students will create a significant intellectual or creative product that is characteristic of the dental hygiene discipline and worthy of communication to an audience. May be repeated for a maximum of 6 credits toward graduation.

DENT 490R
Special Topics in Dental Hygiene
3:3:0  Spring
* Prerequisite(s): Acceptance into BS in Dental Hygiene program and University Advanced Standing

Explores and examines special topics in Dental Hygiene. Focuses on special topics of current and future relevance to the profession of dental hygiene including societal, economic, and cultural impacts of topics. Allows dental hygiene students an opportunity to investigate special dental hygiene topics in an in-depth manner and allows the student some flexibility in selecting certain topics of particular importance or interest to them. Topics are subject to change form year to year. May be repeated for a maximum of 6 credits toward graduation.