PROGRAM IN DENTAL HYGIENE

Web Site: http://www.twu.edu/dental-hygiene

Effective Fall 2018, the Department of Communication Sciences and Disorders (http://catalog.twu.edu/undergraduate/health-sciences/communication-sciences-disorders) and the Program in Dental Hygiene have merged to become the Department of Communication Sciences and Oral Health led by Dr. Erika Armstrong.

Program Director: Charlene Dickinson, Assistant Clinical Professor

Location: OMB 220
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Undergraduate Degree Offered

- B.S. in Dental Hygiene (Professional Entry-Level Program) (http://catalog.twu.edu/undergraduate/health-sciences/dental-hygiene/dental-hygiene-bsdh-professional-entry-level-program)
- R.D.H. to B.S. Program (online) (http://catalog.twu.edu/undergraduate/health-sciences/dental-hygiene/rdh-registered-dental-hygienist-bsdh-program-online)

Accreditation Status

The program in dental hygiene is accredited by the Commission on Dental Accreditation and has been granted the accreditation status of “approval without reporting requirements.” The Commission is a specialized accrediting body recognized by the United States Department of Education. The Commission on Dental Accreditation can be contacted at:

Commission on Dental Accreditation (http://www.ada.org/en/coda)
211 East Chicago Avenue
Chicago, IL 60611
312-440-4653

Admissions

Students may enter the Dental Hygiene Program through one of the following three methods:

1. Dental Hygiene Curriculum for the professional entry-level program requires admission through formal application and acceptance. Acceptance is competitive based upon written criteria for admission and selection procedures.

2. Dual-Enrollment Memorandum of Understanding with partner community colleges and their professional entry-level dental hygiene programs.

3. R.D.H. to B.S. Curriculum for currently licensed dental hygienists who have graduated from a dental hygiene educational program accredited by the Commission on Dental Accreditation; or by special permission, individuals in good standing in associate degree dental hygiene programs during the final year of their education program.

Students accepted to Texas Woman’s University may declare as pre-dental hygiene majors.

Courses

DH 1101. Orientation to Dental Hygiene. Introduces the student to dentistry, dental hygiene, dental assisting, and dental laboratory technology; outlines the development of the professions, their organizational structures, councils and bureaus; dental terminology, disease control, modes of dental practice, specialties, educational programs, and career options are discussed. One lecture hour a week.
Credit: One hour.

DH 3302. Process of Care I. Exploration of the professional framework within the dental hygiene scope of practice that allows for meeting individualized needs of patients; components including assessment, data analysis, plan of action, implementation, and evaluation along with required documentation. Two lecture hours a week. Credit: Two hours.

DH 3303. Process of Care for the Registered Dental Hygienist. Registered dental hygienist exploration of the professional framework within the dental hygiene scope of practice that allows for meeting individualized needs of patients; components including assessment, data analysis, plan of action, implementation, and evaluation along with required documentation. Three lecture hours a week. Credit: Three hours.

DH 3304. Clinical Dental Hygiene I: Preclinical. Clinical laboratory designed to prepare entry-level clinicians for initiation of clinical patient care including all aspects of the dental hygiene process of care. Two lecture and 6 to 9 clinical laboratory hours a week. Credit: Four hours.

DH 3311. Professionalism and Ethics. Professional ethics including ethical theory and philosophy, ethical principles and values, professionalism, social responsibility and justice, codes of ethics, and ethical decision making. One lecture hour a week. Credit: One hour.


DH 3323. Orofacial Biology. Integrated study of head and neck anatomy, histology, embryology, and tooth morphology with particular emphasis on orofacial structures that by form and/or function are applicable to the clinical practice of dental hygiene. Three lecture hours a week. Credit: Three hours.

DH 3341. Orofacial Biology Lab. Identification and labeling of individual teeth for both deciduous and permanent dentition; emphasis on the traits specific to each tooth. Identification and function of muscles, nerves, and arterial supply related to structures of the head and neck. Co-requisite: DH 3323. Three laboratory hours a week. Credit: One hour.

DH 3361. Cariology. Etiology, prevention, and progression of hard tissue disease; emphasis on cariology, nutritional aspects of the disease process, and the use of chemotherapeutics. One lecture hour a week. Credit: One hour.

DH 3502. Process of Care II. Utilization of dental hygiene process of care for patients with gingivitis and/or slight periodontitis, in addition to patient management techniques for the pediatric patient. Two lecture hours a week. Credit: Two hours.
DH 3503. Clinical Dental Hygiene II. Utilization of evidence-based decision making and critical thinking; integration of the dental hygiene process of care and oral health education for patients with emphasis on the pediatric and healthy patient and patients exhibiting gingivitis and slight periodontitis. Skills for working in interprofessional teams to enhance communication and collaboration with other members of the healthcare team to support comprehensive patient care. Guided practice sessions, adjunct clinical procedures, and quality assurance measures. Two lecture and 8 to 12 clinical laboratory hours a week. Credit: Three hours.

DH 3522. Oral Medicine I. Systems approach to commonly encountered medical conditions applied in delivery of the dental hygiene process of care guided by evidence-based compassionate patient care and collaboration with other health care providers as indicated. Focus on cardiac, respiratory, and endocrine disorders. Two lecture hours a week. Credit: Two hours.

DH 3532. Radiography II. Applied instruction for patient selection, exposure, processing, mounting interpretation, and evaluation of bitewing, panoramic, and periapical radiographs culminating in the exposure of radiographs; use of radiographs to assess, analyze, plan and/or evaluate a patient's oral health need, risk, and prevention or dental hygiene treatment; emphasis on radiation safety and immediate readiness for application of techniques to clinical cases. Co-requisite: DH 3321. One lecture and three laboratory hours a week. Credit: Two hours.

DH 3542. Pharmacology for the Dental Hygienist. Overview of concepts of drug therapy and specific mechanisms of action, including pharmacology, pharmacokinetics, and pharmacodynamics for drugs commonly prescribed in dentistry or for medical conditions that may alter dental hygiene treatment; includes general and local anesthetic agents. One lecture and two laboratory hours a week. Credit: Two hours.

DH 3543. Periodontal Disease I. Etiology and prevention of gingival diseases and the beginning destruction of the periodontium; emphasis on the early stage of periodontal disease, gingivitis, progressing to slight periodontitis. Three lecture hours a week. Credit: Three hours.

DH 3843. Introduction to Process of Care for Early Entry RDH to BSDH. Early entry RDH to BSDH student exploration of the professional framework within the dental hygiene scope of practice that allows for meeting individualized needs of patients; components including assessment, data analysis, plan of action, implementation, evaluation, and required documentation. Three lecture hours a week. Credit: Three hours.

DH 4302. Process of Care III. Dental hygiene process of care for patients who present with complex needs; focus on adolescent and geriatric populations; includes pain control, introduction to Texas Dental Practice Act and Rules and Regulations of the Texas State Board of Dental Examiners; and introduction to portfolio development. Two lecture hours a week. Credit: Two hours.

DH 4304. Clinical Dental Hygiene III. Utilization of evidence-based decision making and critical thinking; integration of the dental hygiene process of care and oral health education for patients with emphasis on the adolescent and geriatric patient and the adult patient exhibiting moderate periodontal disease, providing appropriate adjunct procedures and continued provision of competent care for patients with less complicated needs. Skills for working in interprofessional teams to enhance communication and collaboration with other members of the healthcare team to support comprehensive patient care. Guided practice sessions, adjunct clinical procedures, and quality assurance measures. Two lecture and 12 to 16 clinical laboratory hours a week. Credit: Four hours.

DH 4313. Community Oral Health. Introduction to dental public health and oral health education including program assessment, planning, implementing, and evaluation. Three lecture and one laboratory hour a week. Credit: Three hours.

DH 4322. Oral Medicine II. Continuation of Oral Medicine I applying a systems approach to additional commonly encountered medical conditions in delivery of the dental hygiene process of care guided by evidence-based compassionate patient care and collaboration with other health care providers as indicated. Prerequisite: DH 3522. Two lecture hours a week. Credit: Two hours.

DH 4331. Research Development. Creation of an original research project on a topic of interest; progression from development of a research question through the IRB approval process with the possibility of carrying out the research in DH 4513 in the following semester. Prerequisite: DH 4713. One lecture and one laboratory hour a week. Credit: One hour.

DH 4342. Periodontal Disease II. Comprehensive study of periodontal diseases including risk factors, causative factors, treatment, and prognosis for advanced periodontal disease; case studies to promote critical thinking and evidence-based decision-making. Two lecture hours a week. Credit: Two hours.

DH 4501. Process of Care IV. Critical consideration of process of care, clinical issues, and communication for advanced cases; opportunities to increase skill in critical thinking through the use of complex case studies. Students will complete a program portfolio. One lecture hour a week. Credit: One hour.

DH 4504. Clinical Dental Hygiene IV. Utilization of evidence-based decision making and critical thinking; integration of the dental hygiene process of care and oral health education for the adult patient exhibiting severe periodontal disease. Continuation of care with patients with less complicated needs and continued recognition of various oral conditions. Incorporation of selected dental materials into patient care experiences. Skills for working in interprofessional teams to enhance communication and collaboration to support comprehensive patient care. Guided practice sessions, adjunct clinical procedures, and quality assurance measures. Final preparation for clinical board exams and entry into the profession. Two lecture and 12 to 16 clinical laboratory hours a week. Credit: Four hours.

DH 4511. Dental Materials. General overview of the basic science of dental materials, including physical, chemical, and biological properties of dental materials that will be encountered in procedures within the scope of dental hygiene practice. One lecture and one laboratory hour a week. Credit: One hour.

DH 4513. Alternative Dental Hygiene Practice. Exploration of roles of the dental hygienist as they relate to alternative practice settings and opportunities with the goal of establishing short-term and long-term personal professional goals, followed by creating and completing an in-depth experience or project aligned with goals. Two lecture and two laboratory hours a week. Credit: Three hours.

DH 4531. Dental Hygiene Professional Development. Introduction to leadership and other skills essential for effective management within professional roles; exploration of and professional response to evolving topics and/or problems and potential resolutions related to the current state of oral healthcare and professional oral healthcare education. One lecture and one laboratory hour a week. Credit: One hour.
knowledge of the political system, stakeholders, and events related
to oral healthcare in the United States to increase understanding of
other cultures and the global issues of oral health and oral healthcare.
Prerequisite: GOV 2013. Three lecture hours a week. Credit: Three hours.

DH 4713. Applied Evidence-based Research. Application of evidence-
based research to dental hygiene practice, includes finding, accessing,
interpreting, and applying scientific information. Three lecture hours a
week. Credit: Three hours.

DH 4723. General and Oral Pathology. General principles related to
pathology with emphasis on abnormal conditions of the head, neck, and
oral cavity including clinical appearance, etiology, and treatment options;
common oral lesions and interrelationships between oral and systemic
conditions. Three lecture hours a week. Credit: Three hours.

DH 4823. Dental Hygiene Clinical Case Study Development. Examination
and application of critical thinking and evidence-based decision-making
to increase those skills in clinical practice, clinical education, or other
areas of dental hygiene practice; use of prepared and student-developed
case studies. Three lecture hours a week. Credit: Three hours.

DH 4833. Professional Development for the Registered Dental Hygienist.
Leadership, personal professional goalsetting and planning, and other
essential professional skills; exploration of and response to evolving
topics and/or problems and potential resolutions related to the current
state of oral healthcare and professional oral healthcare education. Three
lecture hours a week. Credit: Three hours.

DH 4901. Special Topics. Organized course with each section's title
and content varying with specific subject matter and topic offered. One
lecture hour a week. Credit: One hour.

DH 4903. Special Topics. Study of current selected topics related to
dental hygiene practice for dental hygiene degree completion. May be
repeated for additional credit when topic varies. Prerequisite: Admission
to degree completion program or special permission. Three lecture hours
a week. Credit: Three hours.

DH 4911. Independent Study. Independent study in selected topics.
Credit: One hour.

DH 4913. Independent Study. Independent study in selected topics.
Credit: Three hours.

Faculty

Clinical Professor
Koberna, Leslie W., Clinical Professor of Dental Hygiene. B.S., Weber
State University; M.P.H., University of Utah; Ph.D., Texas Woman's
University.

Associate Clinical Professors
Dickinson, Charlene B., Associate Clinical Professor of Dental
Hygiene. B.S., Texas Woman's University; M.S., Texas Woman's
University.

Handman, Risa B., Associate Clinical Professor of Dental Hygiene. B.S.,
Georgia Southern University; M.S., University of Tennessee, Memphis.

Spoonts, Elizabeth A., Associate Clinical Professor of Dental Hygiene.
B.S., Texas Woman's University; M.S., University of North Texas.

Teague, Amy L., Associate Clinical Professor of Dental Hygiene. B.S.,
Texas Woman's University; M.S., Texas Woman's University.

Assistant Clinical Professor
Stedke, Shelli, Assistant Clinical Professor of Dental Hygiene. B.S.,
The Ohio State University; M.D.H., University of Tennessee.