BACHELOR OF SCIENCE DEGREE PROGRAM IN DENTAL HYGIENE

COURSE DESCRIPTIONS

DH 2111—Dental Anatomy (2 cr.)
All deciduous/permanent teeth, including tooth form, function, and relationship to oral health. Calcification, eruption, exfoliation patterns. Ideal static occlusion, dental terminology, tooth annotation systems. Lab includes identification/annotation of teeth.

DH 2121—The Dental Hygiene Care Process: Clinical Application I (5 cr.)
Dental hygiene care process, assessment principles related to medical and oral health status, dental hygiene clinical procedures, and development of instrumentation skills.

DH 2132—Head and Neck Anatomy (1 cr.)
Anatomical structures of head/neck as they relate to practice of dental hygiene.

DH 2212—Dental Hygienist-Patient Relationship (2 cr.)
Use of clinical research and evidence-based clinical decision making when communicating scientifically based clinical therapy and treatment modalities. Promotion of active participation by patient in clinical decision making.

DH 2215 - Oral Histology and Embryology (2 cr.)

DH 2221—Periodontology (3 cr.)

DH 2222—The Dental Hygiene Care Process: Clinical Application II (3 cr.)

DH 2231—Cariology and Applied Nutrition in Dental Hygiene Care (3 cr.)
DH 3120—General and Oral Pathology (2 cr.)

DH 3121—Local Anesthesia and Pain Management (2 cr.)

DH 3123—The Dental Hygiene Care Process: Clinical Application III (4 cr.)
Dental hygiene care planning for caries prevention and control, non-surgical periodontal therapy and tobacco cessation. Case presentations, ergonomics and clinical experience in dental hygiene patient care.

DH 3126—Oral and Maxillofacial Radiology: Clinic I (0 cr.)
Radiographic Technique. Exposing radiographs on skulls, interpretation, panoramic/extraoral technique, quality assurance procedures.

DH 3133—Pharmacology (2 cr.)
Principles of pharmacology, physical/chemical properties of drugs, modes of administration, therapeutic/adverse effects, drug actions/interactions.

DH 3134—Pediatric Dentistry (1 cr.)
Knowledge, skills, and attitudes required for providing dental hygiene care for pediatric patients.

DH 3151 - Oral and Maxillofacial Radiology (2 cr.)
General principles of radiology, radiation physics, dosimetry, biology, radiation protection, regulations, recent concepts of imaging.

DH 3211—Biomaterials and Principles of Restorative Techniques I (4 cr.)
Principles of biomaterials and restorative techniques; lecture and pre-clinic experiences.

DH 3224W—The Dental Hygiene Care Process: Clinical Application IV (6 cr.)
Knowledge, skills, and attitudes required for providing dental hygiene care for the medically compromised patient, gerodontic patient, and patient with a disability. Fulfills writing intensive requirement.

DH 3227—Oral and Maxillofacial Radiology: Clinic II (0 cr.)
Exposing patient radiographs, interpretation, panoramic/extraoral technique, and quality assurance procedures.

DH 3228—Ethics and Jurisprudence for the Dental Hygienist (1 cr.)
Ethical decision making, jurisprudence.
DH 3234—Oral and Maxillofacial Radiology: Theory, Principles and Radiographic Analysis (2 cr.)

DH 3238—Dental Public Health and Academic Service Learning (3 cr.)

DH 4125W - Dental Hygiene Care Process V: Social Justice and Oral Health Care Delivery (DSJ, WI) Fulfills Diversity and Social Justice Liberal Education Theme Requirement
(6.0 cr; Prereq-DH student; A-F only, spring, every year)
Social justice with regard to health/oral health care in the United States. How race, class, and gender have impacted how health resources specific to dental health care are distributed and how social conditions impact health/oral health. Dental hygiene treatment to diverse patient populations in a variety of community-based clinics. Health and oral health disparities in the United States.

DH 4128—Oral and Maxillofacial Radiology: Clinic III (3 cr.)
Exposing patient radiographs, interpretation, panoramic/extraoral technique, quality assurance procedures.

DH 4130—Management and Supervision of a Dental Practice (2 cr.)
Planning, organizing, leading, and controlling clinical, business, and human aspects of dental practice.

DH 4135W - Research Methods in Dental Hygiene (WI)
(3.0 cr; Prereq-DH student; A-F only, spring, every year)
Develop skills in the scientific method and critiquing scientific literature. Emphasis is placed on evidence based decision making, types of research and research design, problem identification and hypothesis development, analyzing individual components of journal articles in relation to research principles, and writing the literature review. Fulfills writing intensive requirement.

DH 4136—Periodontology III Lecture (1 cr.)

DH 4139—Dental Public Health and Academic Service Learning II (1 cr.)
Academic service-learning in various community health care settings. Assessment, planning, implementation, and evaluation of a community oral health program.
DH 4211—Principles of Restorative Techniques II (3 cr.)
Restorative Techniques. Clinical experiences.

DH 4226—Dental Hygiene Care Process: Clinical Application VI (6 cr.)
Advanced dental hygiene care process in Comprehensive Care Clinics and Service Learning Outreach sites. Development and presentation of the Senior Capstone experience. The Capstone is a comprehensive oral case presentation and written case report based on a unique patient experience and treatment.

DH 4229—Oral and Maxillofacial Radiology: Clinic IV (3 cr.)
Exposing patient radiographs, interpretation, panoramic/extraoral technique, quality assurance procedures.

DH 4234—Leadership and Professional Development (2 cr.)
Explore the dental hygienist as leader and manager in healthcare delivery organizations or public health organizations and programs. A study of current issues that influence the practice of dental hygiene including healthcare delivery systems, workforce needs, practice models, regulation, professional associations, state practice acts and the legislation process. Emphasis on leadership and professional development.

DH 4310 - Foundations of Interprofessional, Professionalism, Communication, and Collaboration
(1.0 cr [max 2.0 cr]; Prereq-Dental hygiene student; S-N only, fall, summer, every year) Professionalism, communication/collaboration across health professions. Online independent/group work followed by facilitated interprofessional small group discussion of case narratives.

BIOC 2011—Biochemistry for the Agricultural and Health Sciences (3 cr.)
Survey of organic chemistry/biochemistry outlining structure/metabolism of biomolecules, metabolic regulation, and principles of molecular biology.

WRIT 3577 W- Rhetoric, Technology, and the Internet (3cr.)
Fulfills Writing intensive requirement and Technology and Society liberal education theme requirement. How persuasive communication is tailored to the Internet; how Internet technologies enable/limit persuasion; how to adapt rhetorical theory to 21st century digital writing; ethical issues, including free speech, copyright, fair use, privacy; rhetorics of social networks.

FScN 1112- Principles of Nutrition (3 cr.)
Fulfills liberal education requirement. Introduction to nutrition; fundamental concepts, nutrient functions, human nutritional requirements, food sources, evaluating nutrition information, food safety, role of nutrition in chronic diseases, nutrition policy, nutrition and the environment.