

DENTAL HYGIENE LEVEL 2 (DHYG2-UD)

DHYG2-UD 130 Prin of Dh III Lec (2 Credits)

Typically offered occasionally

Principles of Dental Hygiene III is a continuation of previous Principles of Dental Hygiene II, lecture and clinic. This course presents developmental knowledge for the students to successfully continue to use professional judgment and skills in providing optimal comprehensive dental hygiene patient care. It will focus on treatment of the special needs patients and will incorporate evidence based decision-making skills for case-based learning and test skills. Through lecture, discussions, reading assignments, examinations and research projects, the students continue to develop professional judgment and skills in providing optimal comprehensive dental hygiene patient treatment. (Prerequisites: Periodontics, Principles of Dental Hygiene II Lecture and Clinic, Dental Materials, Writing Workshop I) Co-requisite: Principles of Dental Hygiene III Clinic (Fall)

Repeatable for additional credit: No

DHYG2-UD 131 Principles of Dh III Clinic (2 Credits)

Typically offered occasionally

This course is a continuation of Principles of Dental Hygiene II. Students will continue to develop professional judgment and clinical skills by providing comprehensive dental hygiene care in a group practice setting as well as in specialty rotations and at extramural sites. The course will also provide students with continued knowledge in the treatment of patients who have periodontal involvement as well as medically compromised. Students will use evidence-based knowledge in their development of treatment plans and in delivery of Dental Hygiene care. An emphasis on advanced clinical skills including calculus detection and removal will be the focus. (Prerequisites: Periodontics, Principles of Dental Hygiene II Lecture and Clinic, Dental Materials, Writing Workshop I) (Fall)

Repeatable for additional credit: No

DHYG2-UD 132 General & Oral Pathology (3 Credits)

Typically offered Fall

The General & Oral Pathology course for dental hygiene students integrates general and oral pathology and presents a broad range of oral pathologic conditions. The course includes diseases that may occur in the oral and maxillofacial region and discusses the etiology, pathogenesis, clinical/radiographic presentation and microscopic appearance. Diagnostic criteria and treatment modalities are also included. Prerequisites: Anatomy & Physiology I and II, Oral Embryology and Histology, and Principles of Dental Hygiene II Lecture and Clinic) (Fall, Summer)

Repeatable for additional credit: No

DHYG2-UD 134 Pharmacology (2 Credits)

Typically offered all terms

This pharmacology course presents the students with basic principles of pharmacology as well as specific information relating to selected groups of drugs. The drug groups are chosen based upon their therapeutic importance for the general population. Throughout the drug-oriented lectures basic principles are reinforced, and the interactions of drugs are presented. Instruction will be in a lecture format, but class participation will be encouraged. Appropriate handout material is provided. (Prerequisites: Chemistry for Allied Health, Principles of Dental Hygiene II Lecture and Clinic) (Fall)

Repeatable for additional credit: No

DHYG2-UD 135 Preventive Dentistry & Public Health (3 Credits)

Typically offered all terms

The course is an introduction to the current principals and issues in community health and preventive dentistry and their relationship to the delivery of dental care to the public. This course will build a foundation in community education, health promotion and disease prevention, and focus on community management through principals of program planning, process of care, epidemiology, health care delivery, biostatistics and research. At the completion of the course the student will be able to demonstrate orally and in writing the principles of primary preventive dentistry and dental public health, the role of the Dental Hygienist in providing Dental Hygiene Care by developing skills appropriate to the assessment, planning, implementing and evaluation of community dental health programs and issues. (Prerequisites: Principles of Dental Hygiene II Lecture and Clinic) (Fall)

Repeatable for additional credit: No

DHYG2-UD 136 Nutrition and Health (3 Credits)

Typically offered all terms

This course is designed to provide the dental hygiene student with foundational knowledge in basic nutrition principles with a review in the application of biochemistry, anatomy and physiology, and other basic science courses coordinated with nutrients and their relationship to health. Topics of study include macro and micronutrients, water, disease, energy balance, eating disorders, nutrition labeling, and oral manifestations of nutritional deficiencies. Students will partake in online assignments, complete an electronic three-day dietary analysis, as well as review pertinent nutrition literature essential to the dental hygiene process of care. In preparation for clinical practice, students will learn how to identify, assess, plan, implement, and evaluate patient's nutritional habits to assist with a caries risk assessment project. (Prerequisites: Chemistry for Allied Health, Principles of Dental Hygiene II Lecture and Clinic) (Fall)

Repeatable for additional credit: No

DHYG2-UD 139 Board Review (0 Credits)

Typically offered all terms

The Board Review course is structured to provide students with necessary information regarding the form and content of Dental Hygiene Board examinations and to provide guided study before taking the exams. The course will help students review the theory, skills, and judgments required on dental hygiene board examinations. The course includes reviews of the most recently released NBDHE exams, proctored diagnostic and readiness (HESI Exit) testing, and on-going assessment using electronic resources and the Evolve Simulated Board Exams. The Diagnostic and HESI Exit exams identify each student's strengths and opportunities for improvement in the NBDHE disciplines (scientific basis, clinical provisions, community health/research, and case-studies) before taking the licensure exam. Ultimately, the board review process will help prepare dental hygienists for entry into professional dental hygiene roles as clinicians, educators, advocates, researchers, and administrators/managers. Most course content is delivered online with some exceptions. (Prerequisites: Principles of Dental Hygiene II Lecture and Clinic) (Fall, Summer)

Grading: Ugrd Dental Pass/Fail

Repeatable for additional credit: No

DHYG2-UD 140 Prin of Dh IV Lecture (2 Credits)*Typically offered Spring*

This course is a continuation of previous Principles of Dental Hygiene lectures. This course provides competency level knowledge of state and federal laws related to the provision of dental hygiene care. Through lectures, readings and writing assignments the student uses evidence based problem solving and effective communication to promote improved patient health and wellness. This course will provide developmental level knowledge on resume writing, interview techniques, business practice management and professional development. (Prerequisites: Principles of Dental Hygiene III Lecture and Clinic, General & Oral Pathology, Nutrition & Health, Pharmacology) (Spring)

Repeatable for additional credit: No**DHYG2-UD 141 Principles of Dh IV Clinic (2 Credits)***Typically offered Spring and Summer*

This course is a continuation of Principles of Dental Hygiene III. Students will continue to develop professional judgment and clinical skills by providing comprehensive dental hygiene care in a group practice setting as well as in specialty rotations and at extramural sites. The course will also provide students with continued knowledge in treatment of patients who have periodontal involvement as well as medically compromised. Students will use evidence-based knowledge in their development of treatment plans and in delivery of Dental Hygiene care. An emphasis on advanced clinical skills including calculus detection and removal will be the focus.

Repeatable for additional credit: No**DHYG2-UD 142 Ethics (1 Credit)***Typically offered Spring*

This course is designed to reinforce and enhance the dental hygiene student's knowledge of professional ethics and provide a foundation of the philosophy of dental law. Contents include the principles and core values of ethics, moral philosophy and reasoning, professional conduct, ethical decision making, and legal terminology and laws surrounding patient care. Students will explore ethical dilemmas commonly encountered in dental hygiene practice and apply proper principles to achieve ethical resolutions. The ADHA Code of Ethics and state practice acts will be utilized to increase student's consciousness regarding proper ethical and professional behavior. Students will review case scenarios that aid in preparation for the National Board Dental Hygiene Exam. This course seeks to raise students' awareness with respect to the provider's role in society, foster professional competence, and promote the highest standards of the dental hygiene profession. (Prerequisites: Principles of Dental Hygiene III Lecture and Clinic) (Spring)

Repeatable for additional credit: No**DHYG2-UD 143 Oral Health Education (2 Credits)***Typically offered Spring*

The course introduces the principles, practices, methods and audiovisual materials used in teaching dental health education to the public who are in dental offices, school, public health institutions and or community settings. This course includes the application of the knowledge from Preventive Dentistry and Public Health.

Repeatable for additional credit: No**DHYG2-UD 144 Brooklyn Patient Care Rotation (0 Credits)***Typically offered Fall and Spring*

Dental hygiene students will provide patient care with the guidance of faculty at the NYU Dentistry Brooklyn Patient Care. High quality, low-cost care and rich educational experiences are achieved through faculty and students working side-by-side treating patients, utilizing the mentor-protege model in clinical education.

Grading: Ugrd Dental Pass/Fail**Repeatable for additional credit:** No**DHYG2-UD 145 Pain Management (2 Credits)***Typically offered Spring*

This course will prepare the student to safely and effectively administer local dental anesthesia and nitrous oxide/ oxygen analgesia in accordance with the New York State and New Jersey Dental Practice Act. The course will include the neurophysiology and psychology of pain; pharmacology of anesthetic agents; a review of anatomy and physiology as they relate to the administration of local dental anesthesia; patient evaluation; selection of appropriate armamentarium, anesthetic agents and techniques; and recognition and management of emergencies and complications. This course will include classroom and clinical/laboratory components.

Repeatable for additional credit: No**DHYG2-UD 149 Clinical Practicum Level II (0 Credits)***Typically offered Fall, Spring, and Summer terms*

This course is designed for those students who have completed patient care experience but have failed a didactic course which prevents them from continuing in next level of Principles of Dental Hygiene III or IV.

Grading: Ugrd Dental Pass/Fail**Repeatable for additional credit:** No