

Bachelor of Science Dental Hygiene Online Program Courses:**DHYG 441 Advanced Dental Hygiene Practice (3 credits)**

Identify clinical skills and knowledge needed to improve effectiveness as a dental hygienist. Areas addressed: ultrasonic implementation using multiple types of devices, risk factor analysis, comprehensive treatment planning, periscope (endoscope), carbide/diamond files, advanced instrumentation techniques, patient management, case presentation. Generally offered Spring and Summer.

DHYG 442 Current Issues in Dental Hygiene (3 credits)

Topics included but not be limited to: advanced practice models to expand oral health services, including restorative procedures; counseling regarding smoking cessation; recent medical advances in the field of dentistry and legal and policy issues currently impacting dental hygiene. Generally offered Fall and Summer.

DHYG 443 Technology in Oral Health (3 credits)

Assessment, planning, implementation and evaluation of the impact of emerging dental technology. Topics include dental practice software management, digital radiography, intra-oral cameras, patient education software, lasers in dentistry, and internet information sources for both practitioners and patients. Generally offered Spring and Summer.

DHYG 451 Dental Hygiene Care Planning (3 credits)

Evidence based dental management of patients with medical disorders encountered in dental practice. Provides an overview of basic disease processes, epidemiology, pathophysiology, and accepted medical therapies utilizing human needs model to formulate a dental hygiene care plan. Generally offered Fall and Spring.

DHYG 452 Decision Making in Periodontology (3 credits)

Combines the sciences and knowledge in the discipline of dental hygiene that permits synthesis and application of periodontal treatment techniques. Surgical and aggressive management of medically compromised periodontal patients will be addressed in this course. Generally offered Fall and Spring.

DHYG 453 Research Methods in Dental Hygiene (3 credits)

Provides student awareness of the American Dental Hygienists' Research Agenda and prepares students on the methodology of research. Includes strengths and limitations of quantitative and qualitative research methods while developing methodological skills and proficiencies related to research. Generally offered Fall and Spring.

DHYG 456 Oral Medicine and Treatment Planning (2 credits)

This course is designed to facilitate critical thinking skills related to drugs used in dentistry and medicine with emphasis placed on the impact of the dental hygiene diagnosis. Generally offered Spring and Summer (not offered Spring 2020 and instead offered Fall 2019)

Sequence Courses**DHYG 444W Principles of Oral Health Promotion (3 credits)**

Leadership preparation in the delivery of oral health care in the public health model. Emphasis will be placed on defining oral health problems and solutions, community planning, implementation and evaluation based on the oral health objectives of Healthy People 2010. Generally offered Fall and Spring. *You can't take DHYG 444W and DHYG 454 the same semester.*

DHYG 454 Oral Health Promotion Practice (3 credits) *

Prerequisite is DHYG 444 or 444W; you can't take DHYG 444W and 454 the same semester

* This course has an additional \$12 course fee for malpractice insurance.

Demonstration of oral health delivery in community based clinics embracing oral health promotion efforts as a methodology. Increasing demand for care, dental services and prevention resulting in reduction of oral diseases and improved community oral health.

DHYG 445 Educational Methods in Dental Hygiene (3 credits)

Examines educational methods needed for effective dental hygiene instruction. Topics addressed within this course will include learner and context analysis, performance objectives, assessment instruments, instructional strategies, formative and summative evaluations. Emphasis will be placed on competency based instruction. Generally offered Fall and Spring.

DHYG 455 Educational Practice in Dental Hygiene (3 credits) *

Prerequisite is DHYG 445

* This course has an additional \$12 course fee for malpractice insurance.

Applies content from Principles of Educational Methods to support the role of dental hygiene educator in didactic and clinical instruction. Active participation in course design, delivery and evaluation in classroom, online or clinical format with emphasis on competency-based instruction. Generally offered Fall and Spring.