

DENTAL HYGIENE

College of Science, Health & Engineering

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BS

MS

Faculty:

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Advisors:

M. Heidel, L. Al-Tassan

UNDERGRADUATE PROGRAM

The Department of Dental Hygiene functions within the university setting and offers a baccalaureate degree in dental hygiene which combines a strong liberal arts background with a professional education. General education courses, basic dental and dental hygiene science courses are integrated into the practice of dental hygiene.

Students interested in majoring in dental hygiene should request current information on application procedures and seek advising early in their university program. During the first year(s) of study, students complete dental hygiene prerequisite courses and some General Education Core Requirements. During the final year of prerequisites (either fall or winter quarter), students must declare Dental Hygiene as their major and formally apply for admission to the Department of Dental Hygiene, which begins its session the following fall quarter. Applications are available from the department's website.

General Admissions Requirements for Dental Hygiene: All students enrolling in dental hygiene courses must hold a current Health Care Provider CPR Certification. In addition to the \$50.00 university admission fee and the \$100.00 new student enrollment fee, there is an additional \$42.00 student department application fee.

All students are urged to maintain contact with department advisors during their prerequisite year(s) because admission criteria are revised periodically. Since enrollment is limited and the admission process is competitive, no assurance can be given that all applicants admitted to the university and successfully completing the prerequisite coursework will be admitted to the Department of Dental Hygiene.

Admissions Requirements for Transfer Students: Students transferring from either four-year institutions or community colleges must first apply for admission to the university through the EWU Admissions Office, which will evaluate transfer coursework and, upon request, send a copy of the transcript evaluation to the Dental Hygiene Program.

Once admitted to EWU, transfer students should contact the Department of Dental Hygiene and arrange to meet with a department advisor for curricular planning and to declare their major.

Applications to the Department of Dental Hygiene will not be processed until students have been formally admitted to the university and a copy of their transcript evaluation has been sent from Admissions to the Department of Dental Hygiene.

Attention High School Students: Those students interested in dental hygiene should complete one year of high school chemistry, biology and algebra.

Placement Record for EWU Dental Hygiene Graduates: EWU dental hygiene graduates have an excellent placement record in Spokane and nationwide. The program has a 46-chair clinic located on the Riverpoint Campus in Spokane. The clinic provides dental services to the general public by students under direct faculty supervision.

Mission: The department's mission is to educate baccalaureate dental hygienists to assume positions of responsibility in multiple settings. The faculty of the department are committed to creating a quality educational environment that will facilitate the development of responsible professionals who can function effectively in a constantly changing society.

Department Goals for Dental Hygiene: The following goals direct the design, purpose and philosophy of the Eastern Washington University Department of Dental Hygiene.

1. The Department of Dental Hygiene will provide all students the skills necessary to function in a constantly changing society, an obligation of Washington's only baccalaureate dental hygiene program.
2. The Dental Hygiene faculty are supported throughout their careers;
3. Dental Hygiene students, faculty and staff impact the university, the region and the world.
4. The Department of Dental Hygiene will grow resources to enhance the dental hygiene academic quality.

While the dental hygiene program consists of a minimum of one year of pre-dental hygiene courses followed by a three-year professional curriculum most students take two years to complete the pre-dental hygiene courses. The professional segment of the three-year curriculum includes emphasis on dental sciences, community dental health, health research theory and clinical practice in traditional and expanded functions. Dental clients are treated at the EWU clinic and at the Veterans' Administration Medical Center, Community Health Association of Spokane (CHAS) and Spokane Falls Family Clinic. The program is fully accredited by the Commission on Dental Accreditation of the American Dental Association and leads to a specialized Bachelor of Science in Dental Hygiene degree. It is the only traditional baccalaureate dental hygiene program in Washington State.

Degree Completion: Expanded degree possibilities are available in Seattle, Tacoma, Vancouver, Olympic Peninsula and Yakima, Washington for dental hygienists from two-year institutions who desire a baccalaureate degree. Transcripts and inquiries should be directed to Professor Ann Wetmore, director, expanded dental hygiene degree completion programs, Eastern Washington University.

Dental Hygiene Prerequisites (54-55 credits)

- BIOL 232, 233, 234 Human Anatomy and Physiology for Non-Biology Majors (5, 5, 5)
- BIOL 335 Elementary Medical Microbiology (5)
- CHEM 161 General Chemistry for the Health Sciences (5)
- CHEM 162 Organic Chemistry for the Health Sciences (5)
- CHEM 163 Biochemistry for the Health Sciences (5)
- ENGL 101 College Composition: Exposition and Argumentation (5)
- FNDT 356 Nutrition (5)
- PSYC 100 General Psychology (5)

Select one course from the following (4-5 credits)

- CMST 200 Introduction to Speech Communication (4)
- CMST 210 Interpersonal Communication (5)
- CMST 250 Small Group Communication (5)
- CMST 312 Nonverbal Communication (5)
- CMST 331 Interviewing (5)
- CMST 340 Intercultural Communication (5)
- CMST 440 International Communications (5)

Required courses in the following program of study may have prerequisites. Reference the course description section for clarification.

BACHELOR OF SCIENCE (BS)

STUDENT LEARNING OUTCOMES – STUDENTS WILL:

- initiate and assume responsibility for health promotion and disease prevention activities for diverse populations;
- acquire and synthesize information in a critical, scientific and effective manner;
- promote healthy lifestyles and provide planned educational services using appropriate interpersonal communication skills and educational strategies;
- assess, plan, implement and evaluate preventive, therapeutic and restorative treatment using methods consistent with medico/dentolegal principles, law and evidence;
- discern and manage the ethical issues of dental hygiene practice in a rapidly changing environment.

DENTAL HYGIENE MAJOR (102 CREDITS)

Required Courses

- DNHY 300 Head and Neck Anatomy (3)
- DNHY 301 Dental Anatomy (3)
- DNHY 302 Histology/Embryology (3)
- DNHY 310 Radiography (3)
- DNHY 311 Radiography (2)
- DNHY 320 Pharmacology for the Dental Hygienist (3)
- DNHY 321 Pain Control (3)
- DNHY 330 Pre Clinical Dental Hygiene I (4)
- DNHY 331 Pre Clinical Dental Hygiene II (5)
- DNHY 332 Pre Clinical Dental Hygiene III (4)
- DNHY 341 Management of Medically Compromised Patients (3)
- DNHY 350 Clinical Dental Hygiene I (4)
- DNHY 351 Clinical Dental Hygiene II (5)
- DNHY 352 Clinical Dental Hygiene III (5)
- DNHY 360 Preventive Dentistry (2)
- DNHY 380 Introduction to Restorative Duties I (3)
- DNHY 381 Principles of Restorative Duties II (3)
- DNHY 421 Periodontology I (3)
- DNHY 422 Periodontology II (2)
- DNHY 430 Oral and General Pathology (3)
- DNHY 450 Clinical Dental Hygiene IV (3)
- DNHY 451 Clinical Dental Hygiene V (5)
- DNHY 452 Clinical Dental Hygiene VI (5)
- DNHY 453 Clinical Dental Hygiene VII (5)
- DNHY 460 Community Dental Health I (2)
- DNHY 461 Community Dental Health II (2)
- DNHY 470 Research Methods (3)
- DNHY 480 Restorative Clinic I (3)
- DNHY 481 Restorative Clinic II (2)
- DNHY 482 Restorative Clinic III (2)
- DNHY 490 Dental Hygiene Capstone (4)

Suggested Elective Courses:

- DNHY 423 Perio Track (2)
- DNHY 475 Teaching Practicum I (1)
- DNHY 476 Teaching Practicum II (1)
- DNHY 477 Teaching Practicum III(1)

Minimum credits for above major

102 credits

Note: the above major will require more than 12 terms (or four years) to complete at an average of 15 credits per term.

GRADUATE PROGRAM

The philosophy of the MS in DH program is one of commitment to the education and development of oral health professionals who go beyond academic excellence, who are productive, self-sufficient citizens of society, who are responsive to the global community and who maintain high ethical standards in their personal and professional lives. In order to achieve these goals, our faculty demand of themselves excellence in academic endeavors, continuous education in teaching theory, knowledge of scientific advancements in dental care and advanced clinical skills. Our goal is to produce graduates who are prepared to meet the current and future health care demands of today's challenging health care system.

The Teaching, Administration, Public Health, or Research emphasis areas currently offered will provide graduates with the necessary education to be a teacher, administrator or public health official and is a typical graduate program culminating in a final research project or thesis. In addition to the minimum university graduate admission requirements stated elsewhere in this catalog.

Admission Requirements for the Graduate Dental Hygiene Program

1. Cumulative undergraduate **GPA** of 3.0 or higher.
2. BS in dental hygiene or related area from an accredited dental hygiene program in the U.S. or Canada.
3. Successful completion of the Dental Hygiene National Board exam or its Canadian equivalent.
4. A current dental hygiene license in the U.S. or Canada.
5. Submission of **GRE** scores.
6. Submission of an essay on a topic provided by the Department of Dental Hygiene.
7. Clearance of a criminal background check.
8. Current health care provider CPR certification.
9. Four or 5 credit statistics course approved by the department.

In addition to the \$50 university graduate application fee, there is an additional \$50 departmental application fee. Applications to the Department of Dental Hygiene will not be considered until they have been processed in the university Graduate Studies Office and a copy of the transcript evaluation has been sent from Graduate Studies to the Department of Dental Hygiene.

Mission Statement

The mission of the Master of Science in Dental Hygiene Program is to educate and graduate dental hygienists who are technically, intellectually and ethically prepared for the upcoming challenges facing the dental profession. We are committed to excellence in dental hygiene education. Our purpose is to develop a program that encourages the development and use of critical thinking skills, the desire to participate in and contribute to life-long learning and translational research opportunities, the ability to be community leaders and outstanding citizens and the skills to be health care professionals who can provide comprehensive care to diverse population groups in a variety of settings. This program will strive to create in hygienists the perpetual self-learning capacity to live up to their full potential and to contribute to making our community, our profession and our world a better place to live.

Goals

1. To graduate educationally competent, culturally sensitive and ethically sound dental hygienists who will promote oral and general health and wellness to the public and other health care practitioners.
2. To provide a quality educational program that meets the needs of the students, is sensitive to the changing needs of dentistry and follows the guidelines of the educational community.
3. To graduate dental hygienists who are able to initiate and assume responsibility for health-promotion and disease-prevention activities for diverse populations in a variety of settings and who appreciate a multidisciplinary team function.
4. To graduate dental hygienists who possess transferable skills in communication, problem solving and critical thinking in order to encourage and take advantage of opportunities for professional growth and development in themselves, their profession and others.
5. To offer a master's degree program that is sufficient enough in scope and depth to provide graduates with a high quality professional education that fosters their ability to adapt to the future, to provide leadership in dental hygiene, to practice as an ADHP if the opportunity exists and to accept the challenge of doctoral education.
6. To enhance dental hygiene's body of evidence through support of faculty translational research programs that contribute to the art and science of dental hygiene, to dental hygiene practice and to the improvement of oral health delivery systems.

MASTER OF SCIENCE (MS)

STUDENT LEARNING OUTCOMES – STUDENTS WILL:

- be technically, intellectually and ethically prepared for the upcoming challenges facing the dental profession;
- possess critical thinking skills, that help them to be community leaders and outstanding citizens;
- possess skills needed to be health care professionals who can provide comprehensive care to diverse population groups in a variety of settings;
- have the perpetual self-learning capacity to live up to their full potential and to contribute to making our community, our profession and our world a better place to live.

DENTAL HYGIENE MAJOR (62-65 CREDITS)

Required Core Courses (35 credits)

- DNHY 501 Advanced Dental Hygiene Practice with Lab (2)
- DNHY 505 Healthcare Leadership (5)
- DNHY 520 Translational Research (3)
- DNHY 525 Theoretical Foundations of Advanced Dental Hygiene Practice (5)
- DNHY 530 Advanced Dental Hygiene Research/Technical Writing (5)
- DNHY 605 Components of Program Development (5)
- DNHY 635 Practicum I (5)
- DNHY 645 Practicum II (5)

Required Courses (21-26 credits)

- DNHY 600 Thesis (10-15)
- DNHY 610 Educational Methodology (3)
- DNHY 615 Advanced Educational Theory and Methods (5)
- DNHY 625 Clinical Administration and Teaching (3)

Required Electives, from the list below (6 credits minimum) All electives must be approved by the program director. Suggested and approved courses include:

Health Services Administration Program:

- HSAD 500 U.S. Health Care Systems (4)
- HSAD 510 Health Law (4)
- HSAD 520 Health Reimbursement Issues (4)
- HSAD 530 Seminar on Business and Health (4)
- HSAD 598 Seminar in Health Services Administration (4)

Economics Department:

- ECON 424 Economics of Poverty and Discrimination (5)
- ECON 445 Insurance and Risk (5)
- ECON 452 Health Economics (5)

Education Department:

- COIN 571 Survey of Post-Secondary Education (4)
- COIN 572 Strategies for Teaching Adults (4)
- COIN 581 Workshop in College Teaching (3)
- EDUC 505 Current Issues in Education (4)
- EDUC 506 Educational Sociology (4)
- EDUC 530 Foundations of Educational Communication and Information Technology (4)

Health Information Technology

- MISC 488 Health Information Technology (4)

Required core credits

Emphasis credits

Required electives

Total credits for above master's degree

35 credits

21-26 credits

6 credits

62 credits



Dental Hygiene Courses

Terms offered: fall, winter, spring, summer (FWSU). If no terms are indicated check with the department or EagleNET.

DNHY 300 Head and Neck Anatomy (3) S

Prerequisite: admission into dental hygiene program or waiver by instructor.

A detailed study of head and neck anatomy, including bones, musculature, blood, lymphatic and nerve supply.

DNHY 301 Dental Anatomy (3) F

Prerequisite: admission into dental hygiene program.

The course is a study of tooth anatomy, terminology, morphology and eruption. The following topics are covered: eruption, physiologic tooth form, collective tooth morphology, dental anatomy nomenclature and specific anatomical features of selected permanent and primary teeth.

DNHY 302 Histology/Embryology (3) F

Prerequisite: admission into dental hygiene program or waiver by instructor.

A detailed study of oral histology and embryology. Development of the face and oral cavity; microscopic anatomy of the oral cavity.

DNHY 310, 311 Radiography (3, 2)

F(310)W(311)

Prerequisite: admission into dental hygiene program or waiver by instructor.

Clinical and physical principles of x-ray production, hazards and safety procedures, with an orientation to oral anatomy and completion of acceptable full-mouth surveys on dental clients. Techniques for advanced skills and panoramic radiography emphasized in 311.

DNHY 320 Pharmacology for the Dental Hygienist (3) W

Prerequisite: admission into dental hygiene program or waiver by instructor.

Principles of pharmacological and therapeutic action of drugs used in dentistry.

DNHY 321 Pain Control (3) F

Prerequisite: admission into dental hygiene program or waiver by instructor.

This course is designed to give the student an understanding of the history, theory and use of nitrous oxide sedation and dental local anesthetic agents.

DNHY 330 Pre-Clinical Dental Hygiene I (4) F

Prerequisite: admission into dental hygiene program or waiver by instructor.

This course is the first in a series introducing the basic principles for clinical dental hygiene treatment. Focus is on the integration of didactic and clinical skills.

DNHY 331 Pre-Clinical Dental Hygiene II (5) W

Prerequisite: DNHY 330.

This course is the second in a series introducing the basic principles for clinical dental hygiene treatment. Focus is on the integration of didactic and clinical skills.

DNHY 332 Pre-Clinical Dental Hygiene III (4) S

Prerequisite: DNHY 331.

This course is the third in a series introducing the basic principles for clinical dental hygiene treatment. Focus is on the integration of didactic and clinical skills.

DNHY 341 Management of the Medically Compromised Patient (3) F

Prerequisite: admission into dental hygiene program or waiver by instructor.

This course introduces dental hygiene management of the medically compromised patient. Emphasis will be placed on understanding the concept of total client care and management of the medically compromised patients that are either electing or requiring dental care for optimal health and function.

DNHY 350 Clinical Dental Hygiene I (4) F

Prerequisite: admission into dental hygiene program or waiver by instructor.

This is the first course involving supervised experience in clinical procedures for dental hygiene.

DNHY 351 Clinical Dental Hygiene II (5) W

Prerequisite: DNHY 350.

This is the second course involving supervised experience in clinical procedures for dental hygiene.

DNHY 352 Clinical Dental Hygiene III (5) S

Prerequisite: DNHY 351.

This is the third course involving supervised experience in clinical procedures for dental hygiene.

DNHY 360 Preventive Dentistry (2) S

Prerequisite: admission into dental hygiene program.

This course is designed to introduce the first year dental hygiene student to current theories, knowledge and practices of preventive dentistry.

DNHY 380 Introduction to Restorative Duties I (3) W

Prerequisite: admission into dental hygiene program.

This is a comprehensive lecture and laboratory course that provides the dental hygiene student an opportunity to acquire the knowledge, and skills associated with dental materials and restorative expanded dental hygiene functions. This course is the first of several courses which provide the student with basic didactic and laboratory information required to facilitate the selection, manipulation and placement of dental materials.

DNHY 381 Principles of Restorative Duties II (3) S

Prerequisite: admission into dental hygiene program.

This course is a comprehensive lecture and laboratory course which provides the dental hygiene student an opportunity to acquire didactic and laboratory knowledge, and skills associated with dental materials and restorative expanded functions. This is the second course of the student's restorative sequence which emphasizes selection, manipulation and placement of dental materials.

DNHY 421 Periodontology I (3) W

Prerequisite: admission into the dental hygiene program or waiver by instructor.

A detailed study of the various periodontal diseases, with emphasis on histological and clinical recognition as well as treatment of the diseases.

DNHY 422 Periodontology II (2) F

Prerequisite: admission into the dental hygiene program or waiver by instructor.

Continued study of the recognition and treatment of periodontal diseases, especially as they relate to dental hygiene practice.

DNHY 423 Perio Track (2) W

Prerequisite: admission into the dental hygiene program or waiver by instructor.

This course explores advanced periodontal procedures beyond those required in the major. The student will explore periodontal treatment through a combination of clinical and didactic experiences.

DNHY 430 Oral and General Pathology (3) S

Prerequisite: admission into the dental hygiene program or waiver by instructor.

A histopathological study of oral lesions, pathogenic conditions of particular significance to dentistry and principles of general pathology.

DNHY 450 Clinical Dental Hygiene IV (3) U

Prerequisite: admission into the dental hygiene program or waiver by instructor.

The fourth of seven quarters of supervised experiences in clinical procedures of dental hygiene, increasing in scope of opportunity as skill is attained.

DNHY 451 Clinical Dental Hygiene V (5) F

Prerequisite: admission into the dental hygiene program or waiver by instructor.

The fifth of seven quarters of supervised experiences in clinical procedures of dental hygiene, increasing in scope of opportunity as skill is attained.

DNHY 452 Clinical Dental Hygiene VI (5) W

Prerequisite: admission into the dental hygiene program or waiver by instructor.

The sixth of seven quarters of supervised experiences in clinical procedures of dental hygiene, increasing in scope of opportunity as skill is attained.

DNHY 453 Clinical Dental Hygiene VII (5) S

Prerequisite: admission into the dental hygiene program or waiver by instructor.

The last of seven quarters of supervised experiences in clinical procedures of dental hygiene, increasing in scope of opportunity as skill is attained.

DNHY 460 Community Dental Health I (2) F

Prerequisite: admission into the dental hygiene program or waiver by instructor.

This course provides a comprehensive introduction to public health practices through the study and evaluation of the principles, terminology and techniques of community dental health. Learning experiences are provided for students to apply public health principles through serving the needs of the community in various settings.

DNHY 461 Community Dental Health II (2) W

Prerequisite: DNHY 460.

This course further develops the concepts and skills of dental public health. Students continue to expand on public health experience in various community settings.

DNHY 467 Career Strategies (1) W

Prerequisite: admission into the dental hygiene program.

This course is designed to prepare the dental hygiene graduate for employment in a variety of employment settings. Students will prepare a resume and learn how to engage in an employment interview. Panel discussions with dental hygienists from a variety of employment settings will give the student practice interviewing and first hand knowledge of the skills involved in these positions.

DNHY 470 Research Methods (3) S

Prerequisite: admission into the dental hygiene program or waiver by instructor.

Basic principles of research and the facilitation of the development of analytical skills for evaluation of professional research.

DNHY 475 Teaching Practicum I (1) F

Prerequisite: admission into the dental hygiene program.

This course focuses on providing clinical and laboratory teaching methodology and experience to a novice educator. Students are assigned teaching opportunities under the direction of the course instructor.

DNHY 476 Teaching Practicum II (1) W

Prerequisites: DNHY 475.

This course is a continuation of DNHY 475 and focuses on providing clinical and laboratory teaching methodology and experience to a novice educator. Students are assigned teaching opportunities under the direction of the course instructor.

DNHY 477 Teaching Practicum III (1) S

Prerequisites: DNHY 476.

This course is a continuation of DNHY 476 and focuses on providing clinical and laboratory teaching methodology and experience to a novice educator. Students are assigned teaching opportunities under the direction of the course instructor.

DNHY 480 Restorative Clinic I (3) F

Prerequisite: admission into the dental hygiene program.

This is the first course of a three-quarter sequence in clinical restorative dental hygiene. The course is comprised of lectures, restorative clinics and laboratory experiences, which are designed to facilitate the student's knowledge of various restorative materials and clinical procedures as well as the development of restorative manipulative skills.

DNHY 481 Restorative Clinic II (2)

Prerequisite: DNHY 480 and admission into the dental hygiene program.

This is the second course of a three-quarter sequence in clinical restorative dental hygiene. The course is comprised of lectures, restorative clinics and laboratory experiences, which are designed to facilitate the student's knowledge of various restorative materials and clinical procedures as well as the development of restorative manipulative skills.

DNHY 482 Restorative Clinic III (2)

Prerequisite: DNHY 481 and admission into the dental hygiene program.

This is the third course of a three-quarter sequence in restorative dental hygiene. The course is comprised of restorative clinics and laboratory experiences which are designed to facilitate the student's knowledge of various restorative materials and clinical procedures as well as the development of restorative manipulative skills.

DNHY 485 Oral Health Care Research Design Practicum (5) F

Prerequisite: enrolled in or graduate of an accredited dental hygiene program.

This course is first in a series of three courses providing the student with background and practicum experience in the assessment, planning, implementation and evaluation of a dental health program. The assessment and planning phases are emphasized in this course.

DNHY 486 Oral Health Care Project Implementation Practicum (5) W

Prerequisite: DNHY 485 or permission of the instructor.

This course is the second in a series and is directed toward implementation of a community dental health project in a practicum setting. The student will also learn to interpret and critically evaluate scientific reporting and continue to develop communication skills.

DNHY 487 Oral Health Care Project Evaluation and Report Writing Practicum (5) S

Prerequisite: DNHY 486 or permission of the instructor.

This course is the last in a series of three courses and is directed toward implementation, evaluation and report writing of a community dental health project in a practicum setting.

DNHY 490 Dental Hygiene Capstone (4) S

Prerequisite: admission into the dental hygiene program or waiver by instructor.

[satisfies senior capstone university graduation requirement]

An integrative, theme-based capstone course which focuses on the ethical and legal issues facing the dental hygienist of the future.

DNHY 491 Field Practicum in Educational Theory and Application (5) F

Prerequisite: enrolled in or graduate of an accredited dental hygiene program.

This course is the first in a series of three and provides learning experiences that integrate educational theory and application. Students will be assigned actual teaching opportunities under the direction of the course instructor and with the assistance of teacher educators or others acting as resource persons.

DNHY 492 Field Practicum in Clinical and Laboratory Instruction (5) W

Prerequisite: DNHY 491 or permission of the instructor.

This course is the second in a series and provides learning experiences integrating educational theory and application with a special emphasis on clinical and laboratory instruction.

DNHY 493 Field Practicum in Teaching Methods and Assessment (4) S

Prerequisite: DNHY 492 or permission of instructor.

This course provides learning experiences utilizing a variety of teaching and assessment methods. The course design and materials provide considerable flexibility for planning and conducting performance-based training programs for student teachers, group/client educators, or business and industry trainers. Students will be assigned actual teaching opportunities under the direction of the course instructor and with the assistance of teacher educators or others acting as resource persons.

DNHY 501 Advanced Dental Hygiene Practice with Lab (2) F

Prerequisite: admission to the dental hygiene graduate program.

This course focuses on the dental hygiene process of care related to advanced preventive and therapeutic interventions to various population groups, technology and outcomes. Application of advanced dental hygiene care in a clinical setting will be a portion of this course.

DNHY 505 Healthcare Leadership (5) F

Prerequisite: admission to the dental hygiene graduate program.

This course actively teaches the relational, operational and analytical skills that are keys to success in health management. Included are the application of leadership and management theory related to professional issues, policy development, legal and ethical principles, professional associations, strategic planning, conflict resolution and professional advancement.

DNHY 520 Translational Research (3) F

Prerequisite: admission to the dental hygiene graduate program and completion of an undergraduate statistics or biostatistics course.

This course focuses on critical reading, understanding and evaluation of the professional literature. Students learn how to access information electronically in order to make evidence-based decisions that contribute to the development of best practices. Grant writing is included to prepare students for the various components of a thesis.

DNHY 525 Theoretical Foundations of Advanced Dental Hygiene Practice (5) W

Prerequisite: admission to the dental hygiene graduate program.

This course focuses on knowledge of primary dental care as the supporting framework for advanced professional practice. Emphasis is placed on the application of both dental and dental hygiene knowledge focusing on cultural competence with diverse patient populations and practice settings. Topics selected in this course are intended to provide dental hygienists with an understanding of the role of the dental hygiene practitioner in disease prevention, treatment and referral. This course will introduce the theory and research related to the concepts of health promotion and risk reduction, providing students the opportunity to incorporate strategies of risk analysis and reduction, screening, lifestyle change and disease detection and prevention in family oral health care.

DNHY 530 Advanced Dental Hygiene Research/ Technical Writing (5) W

Prerequisite: admission to the dental hygiene graduate program.

This course promotes the development of life-long learning skills through critical analysis of research findings and continuation of a grant proposal. Writing in this course will include structure and organization of documents, style, usage and drafting.

DNHY 600 Thesis (1-3)

Prerequisite: admission to the dental hygiene graduate program; permission of the instructor, department chair and college dean.

This course is a research project conducted under the direction of a faculty member. (Must be repeated five times.)

DNHY 601 Research Project (1-3)

Prerequisite: acceptance into the dental hygiene graduate program and graduate degree candidacy; permission of the instructor, department chair and college dean.

A research project conducted under the direction of a faculty member.

DNHY 605 Components of Program Development (5) S

Prerequisite: admission to the dental hygiene graduate program.

This course offers an overview of general principles of teaching, learning and evaluation in academic and community oral health programs. Emphasis is on the components of program development (assessment, planning, implementation and evaluation).

DNHY 610 Educational Methodology (3) S

Prerequisite: admission to the dental hygiene graduate program.

This course is a study of teaching-learning processes suitable for adults and the educational theories from which they derive. An overview of various teaching strategies is included.

DNHY 615 Advanced Educational Theory and Methods (5) F

Prerequisite: DNHY 605.

This course focuses on the study of educational, program development, leadership, and administrative theories and andragogy unique to the profession of dental hygiene. General and specialized accreditation processes, role of state dental licensure boards, human resources, employee performance assessment, program financing from private support, public funding or clinical fees, clinic administration and outcomes assessment are examined.

DNHY 625 Clinical Administration and Teaching (3) F

Prerequisite: DNHY 610

This course focuses on theories and methods of clinical instruction and supervision, including psychomotor skill development, competency-based evaluation, student mentoring and remediation. Organizational and administrative philosophy in clinical education based on accreditation standards are examined.

DNHY 635 Practicum I (5) W

Prerequisite: completion of DNHY 605, 610, 615 and 625.

This course focuses on an individualized learning experience to apply principle and theories in an emphasis area. Approval required for off-campus sites.

DNHY 645 Practicum II (5) S

Prerequisite: completion of DNHY 605, 610, 615 and 625.

This course focuses on an individualized learning experience to apply principle and theories of in an emphasis area. Approval required for off-campus sites. This course is a continuation of DNHY 635.