

MAJOR REQUIREMENTS

CORRECTIONS

CAREER STUDIES DIVISION

SKILL CERTIFICATES*

Note: Skill certificates are not state-approved and are not included on transcripts. Only students completing state-approved degrees and/or certificates may participate in commencement.

**Departments offering Skills Certificates are responsible for their issuance.*

Corrections

MAJOR CODE: 2105.10

	UNITS
ADM JUS 8 Juvenile Procedures	3
ADM JUS 39 Probation and Parole	3
ADM JUS 75 Introduction to Corrections	3
ADM JUS 309 Correctional Interviewing & Counseling	3
CORR 2 Correctional Institutions	3
SKILL CERTIFICATE UNITS REQUIRED	15

Juvenile Corrections Officer

MAJOR CODE: 2105.09

	UNITS
ADM JUS 260 Juvenile Institution Counselor Core	8
SKILL CERTIFICATE UNITS REQUIRED	8

THIS NOTE ADDED AFTER THIS DOCUMENT WENT TO PRINT: As of Fall 2016, WLAC will offer a Bachelor's degree in Dental Hygiene. The program is described in the "Majors Requirements Addendum" after page 130. As a result, the Associate of Science (A.S.) degree described below will either be archived or not offered after Spring 2017 (that is when the last graduating class will complete the program).

DENTAL HYGIENE

ALLIED HEALTH DIVISION

ASSOCIATE OF SCIENCE

PROGRAM OVERVIEW

The Associate of Science degree in Dental Hygiene is primarily designed for career and technical education and workforce training/ development. The curriculum is not aligned with course requirements for transfer to a specific major at a four-year college or university.

The dental hygienist, as a member of the dental health team, is qualified by education and license to provide primary care to patients for the maintenance of oral health and the prevention

of oral disease. The purpose of medical and dental science is to enhance the health of individuals as well as populations. Dental hygienists use scientific evidence in the oral healthcare decision making process impacting their patient care. The dental hygienist is expected to respect the diverse values, beliefs and cultures present in individuals and groups or communities served. In working with patients, dental hygienists must support the right of the individual to have access to the necessary information and provide opportunities for dialogue to allow the individual patient to make informed care decisions without coercion. Facilitating effective communication may require an interpreter and/or translator based on the patient and practitioner's need to communicate. Dental hygienists must realize and establish their professional privileges in accordance with the rights of individuals and groups. In addition, when participating in activities where decisions are made that have an impact on health, dental hygienists are obligated to assure that ethical and legal issues are addressed as part of the decision-making process.

The Commission on Dental Accreditation accredits the Dental Hygiene program. The Commission is a specialized accrediting body recognized by the Commission on Recognition of Post-Secondary Accreditation, and by the United States Department of Education.

Dental Hygiene classroom and laboratory facilities are located on campus at West Los Angeles College. The students provide dental hygiene services to patients at the UCLA School of Dentistry, Veterans Hospital, MEND Dental Clinic, Kid's Dental Clinic, and UCLA Venice Dental Clinic. Students also observe and participate in various special clinics at UCLA which include radiology, pedodontics, periodontics, oral surgery and hospital dentistry.

For more information, call (310) 287-4464 or visit the Allied Health website at www.wlac.edu/Allied-Health/index.aspx or come to the Dental Hygiene Office located in building MSB room 100.

The curriculum below is planned sequentially. Satisfactory completion of all courses with a grade of "C" or better in a given semester is required before the student may continue to the next semester in Dental Hygiene. All required course in each semester are co-requisites and prerequisites for the subsequent semester. Candidates for graduation must satisfactorily complete the Dental Hygiene Program according to the Commission on Dental Accreditation and the Dental Hygiene Committee of California's Guidelines for curriculum.

Upon completion of the program, students are eligible to take the Dental Hygiene National Board Examination, and upon satisfactory program completion, students are able to take the licensing board examination, and earn an Associate of Science Degree in Dental Hygiene.

MAJOR REQUIREMENTS

Note: Courses are open only to student accepted into the Dental Hygiene Program, who have completed all Plan B General Education Requirement for an Associate degree. The Health requirement is waived for the students accepted into the Dental Hygiene program. See a counselor for your Plan B general education requirements.

WLAC DENTAL HYGIENE PROGRAM LEARNING OUTCOMES (PLOS)

The dental hygiene program will provide opportunities for the student to become competent through an active learning process of organizing, interpreting and synthesizing information. Educational activities will be provided that enable the learner to develop expertise by integrating fundamental knowledge, scientific principles and applied psychomotor skills. Upon graduation, the dental hygienist working under the supervision of a licensed dentist will be able to demonstrate the ability to:

PLO I. Professionalism

The dental hygiene students must appreciate their role as health professionals at the local, state, and national levels. Students will demonstrate the necessary knowledge and values in legal regulations and ethical issues for the practice of dental hygiene.

Examples of Outcome Assessment:

1. National Board Exam Sores: Professional Responsibility and Liability section
2. State of California Law and Ethics for the RDH exam scores
3. E-Portfolio
4. Leadership and participation at Professional Organizations such as ADHA and CDHA

PLO II. Health Promotion and Disease Prevention

The dental hygiene students will demonstrate competency in the performance and delivery of oral health promotion and disease prevention service in public health, private practice and alternative settings. The dental hygiene students will be able to apply principles in assessment, diagnosis, planning, implementation and evaluation of treatment. The graduate must also be prepared to influence others to facilitate access to care and services.

Examples of Outcome Assessment:

1. Research Projects (e.g. RAP, Perio, Table Clinic, ADPIE)
2. National Board Exam Scores: Community Health and Clinical Dental Hygiene section

PLO-III. Patient Care

The students will demonstrate a through foundation in the biomedical, clinical, and behavioral sciences to achieve successful patient treatment outcomes. Student will utilize critical thinking and sound clinical judgment and cultural sensitivity with patients.

Examples of Outcome Assessment:

1. Research presentations and projects
2. Clinical Performance Summary – Product and Process Evaluations
3. Clinic Service Summary
4. E-portfolio – capstone project
5. Clinical Licensing Examination (State Board Exams, WREB exam)

Approved by Dental Hygiene Faculty and Advisory Board 2015

(Approved by the board on 4/15/15 & Approved by Faculty on 5/13/15)

Prerequisite Courses for Program Admission		UNITS
CHEM 60	Introduction to General Chemistry	5
	OR	
CHEM 51	Fundamentals of Chemistry	5
MICRO 20	General Microbiology	4
ANATOMY 1	Introduction to Human Anatomy	4
PHYSIOL 1	Introduction to Human Physiology	4
ENGLISH 101	College Reading and Composition I	3
PSYCH 1	General Psychology I	3
SOC 1	Introduction to Sociology	3
SPEECH 101	Oral Communication I	3
TOTAL REQUIRED UNITS*		29

*Additional requirements for Bachelor degree in Dental Hygiene: Statistics, Critical Thinking, and Cultural Diversity courses in coordination with IGETC, CSU, and or GE completion requirements with upper division courses.

ATTENTION TRANSFER STUDENTS

NOTE: Students expecting to transfer to four-year institutions should see a West Los Angeles College counselor and consult the catalogs of transfer institutions regarding specific requirements for upper-division standing.

MAJOR REQUIREMENTS

Effective Fall 2016, the Associate of Science degree program will become a Bachelor of Health Science in Dental Hygiene degree program. Additional requirements for entrance will be required.

AWARD	TYPE	GRAD PLAN	REQ MAJOR UNITS	TOTAL UNITS
Dental Hygiene	AS	Plan B	61	61+
+ At least 60 degree applicable units (61 total major units and Plan B units) are required to earn an Associate Degree.				

ASSOCIATE OF SCIENCE DEGREE

Dental Hygiene

MAJOR CODE: 1240.20

(61 Units, Plan B) + All other West requirements for Associate Degree.

REQUIRED COURSES SEMESTER 1	UNITS
DEN HY 100 Principles of Clinical Dental Hygiene	2
DEN HY 101 Clinical Dental Hygiene	2
DEN HY 104 Dental Morphology	2
DEN HY 105 General Pathology	2
DEN HY 106 Anatomy of the Head and Neck	2
DEN HY 109 Infection Control in Dentistry	1
DEN HY 150 Preventive Dentistry	2
DEN HY 212 Radiology I-Intro to Radiology	2
TOTAL SEMESTER UNITS	15

REQUIRED COURSES SEMESTER 2	UNITS
DEN HY 108 Introduction to Periodontics	2
DEN HY 151 Clinical Dental Hygiene II	3
DEN HY 152 Special Patient Care	1
DEN HY 153 Radiology II-Interpretation	1
DEN HY 154 Oral Pathology	2
DEN HY 156 Histology & Embryology of Oral Tissues	2
DEN HY 189 DH Developmental Clinic Seminar I	2
DEN HY 207 Pain Control	1
DEN HY 209 Pain Control Lab	1
DEN HY 256 Biochemical Nutrition	3
TOTAL SEMESTER UNITS	18

REQUIRED COURSES SEMESTER 3	UNITS
DEN HY 190 DH Developmental Clinic Seminar II	1
DEN HY 200 Cariology and Occlusion	1
DEN HY 201 Clinical Dental Hygiene III	4
DEN HY 204 Dental Health Education	1
DEN HY 205 Dental Health Education –Practicum	1
DEN HY 206 Periodontics	1
DEN HY 208 Pharmacology	3

DEN HY 215 Dental Material & Expanded Functions	3
TOTAL SEMESTER UNITS	15

REQUIRED COURSES SEMESTER 3	UNITS
DEN HY 191 DH Developmental Clinic Seminar III	1
DEN HY 210 Emergencies in Dental Practice	1
DEN HY 250 Advanced Periodontal Seminar	1
DEN HY 251 Clinical Dental Hygiene IV	5
DEN HY 252 Essentials of Dental Hygiene Practice	2
DEN HY 305 Community Dental Health	1
DEN HY 254 Community Dental Health –Practicum	1
DEN HY 260 Research Design and Methodology	1
TOTAL SEMESTER UNITS	13
TOTAL PROGRAM UNITS	61

ECONOMICS

BEHAVIORAL & SOCIAL SCIENCES DIVISION

ASSOCIATE OF ARTS DEGREE

The Associate of Arts degree in Economics includes coursework that aligns with specific lower-division major requirements for the Economics major at various universities within the University of California (UC) and California State University (CSU) systems. West Los Angeles College also offers an Associate Degree for Transfer in Economics and an Associate Degree for Transfer in Business Administration. Refer to the ADT section of this catalog for degree requirements.

Students interested in transferring to a four-year college or university with a major in Economics may also consider the Associate of Arts degree in Liberal Arts and Sciences (Behavioral and Social Sciences emphasis).

Students are encouraged to visit the Transfer Center for complete information regarding transfer requirements for the institution of their choice. Students interested in transfer are also encouraged to consult the Counseling Office for individualized educational planning.

Careers in business, education, writing, and government are open to individuals with advanced study in the field of Economics.

PROGRAM LEARNING OUTCOMES (PLOs):

- Achieve a basic understanding of markets, economic institutions, and the global economy.
- Generate constructive analysis of real-world issues using the theories of economics, including

WLAC CATALOG 2014-2016 (Rev. **Fall 2016**): **Major Requirements Addendum**

As of Fall 2016, West Los Angeles College will offer a Bachelor's degree in Dental Hygiene. The program is described below. As a result, the Associate of Science (A.S.) degree described on pages 128 - 130 will either be archived or not offered after Spring 2017 (that is when the last graduating class will complete the program).

DENTAL HYGIENE

HEALTH SCIENCES DIVISION

BACHELOR OF SCIENCE

PROGRAM OVERVIEW

The Bachelor of Science in Dental Hygiene provides the opportunity to enter into a variety of dental health positions in teaching, research, administration, public health, private industry and other areas of hygiene practice, as well as application for entry into degree programs such as Master's in Dental Hygiene, Public Health, Oral Biology or Registered Dental Hygienist in Alternative Practice.

The purpose of medical and dental science is to enhance the health of individuals as well as populations. The dental hygienist, as an integral member of the dental health team, is qualified by education and license to provide primary care to patients for the maintenance of oral health and the prevention of oral disease. Dental hygienists use scientific evidence in the decision-making process impacting the oral health of individuals. The dental hygienist is expected to respect the diverse values, beliefs and cultures present with individuals and groups or communities served. Dental hygienists must support the right of the individual to have access to the necessary information and provide opportunities for dialogue to allow the individual patient to make informed decisions and to assure that ethical and legal standards are applied. Dental hygienists must abide by the American Dental Hygienist's Professional Standards of Care and Code of Ethics.

The Bachelor of Science in Dental Hygiene program is accredited by the Accrediting Commission for Community and Junior Colleges and the Commission on Dental Accreditation, and approved by the California Community Colleges Chancellor's Office, Los Angeles Community College District Board of Trustees, and The Dental Hygiene Committee of California. The Commissions are specialized accrediting bodies recognized by the Commission on Recognition of Post-Secondary Accreditation and by the United States Department of Education.

The Bachelor of Science in Dental Hygiene admission requirements are available from the Counseling Office or the Dental Hygiene Department. Admission is by special selection criteria.

Dental Hygiene classroom, laboratory and clinical facilities are located at the West Los Angeles College campus. The students provide dental hygiene services at WLAC, UCLA School of Dentistry, Veteran Affairs Hospitals and other clinical

facilities, MEND Community Clinic, Kids' Dental Clinic, Children's Dental Center and UCLA/Venice Dental Clinic. Students also observe and participate in various specialty clinics at UCLA that include radiology, pedodontics, and periodontics.

The curriculum is planned sequentially. Satisfactory completion of all courses with a grade of "C" or better in a given semester is required before the student may continue to the next semester in Dental Hygiene. In addition, to remain in good standing, students must maintain a 2.5 overall GPA in all upper division courses. All required courses in each semester are co-requisites and prerequisites for the subsequent semester. Candidates for graduation must satisfactorily complete the Dental Hygiene Program according to the Commission on Dental Accreditation and the Dental Hygiene Committee of California's Guidelines for curriculum.

Upper division dental hygiene courses are open only to students accepted into the Dental Hygiene Program, who have completed all CSU or IGETC General Education Breadth Requirement for certification and all dental hygiene pre-requisite courses. The program may require an application fee upon submission of the application. Applicants are required to attend an information and application workshop. An essay or entrance exam will be required as part of the admission process. All program pre-requisite courses must be passed with a 'C' or better. A minimum science GPA of 3.0, an overall GPA of 2.5, and a minimum of 60 units of degree applicable lower division coursework is required. Dental assisting license and certifications and relevant work experience will also be considered for admittance. Students are encouraged to see a counselor for a Student Education Plan (SEP) for general education and pre-requisite requirements.

PROGRAM PRE-REQUISITES		UNITS
CHEM 60	Introduction to General Chemistry	5
	OR	
CHEM 51	Fundamentals of Chemistry	5
MICRO 20	General Microbiology	4
ANATOMY 1	Introduction to Human Anatomy	4
PHYSIOL 1	Introduction to Human Physiology	4
ENGLISH 101	College Reading and Composition I	3
PSYCH 1	General Psychology I	3
SOC 1	Introduction to Sociology	3
COMM 101	Speech (Public Speaking)	3
ANTHRO 102	Cultural Diversity	3
ENGLISH 103	Composition and Critical Thinking	3
Math 227	Statistics	4
IGETC OR CSU GE BREADTH REQUIREMENTS		37-39
TOTAL MINIMUM UNITS		60

AWARD	TYPE	GRAD PLAN	REQ MAJOR UNITS	TOTAL UNITS
Dental Hygiene	BS	CSU or IGETC pattern	65	125
At least 125-degree applicable units (65 total major units and 60 CSU or IGETC GE and pre-requisites are required to earn a Bachelor of Science Degree). Certain courses may be double counted to meet pre-requisites and IGETC or CSU GE requirements.				

BACHELOR OF SCIENCE DEGREE

Dental Hygiene

MAJOR CODE: 1240.20

(56 Major Units + 9 Units Upper division GE and All other West requirements for CSU or IGETC Certification and Pre-requisites)

REQUIRED COURSES SEMESTER 1 UNITS

DEN HY 300 Principles of Clinical Dental Hygiene	3
DEN HY 311 Dental Hygiene Clinical I	2
DEN HY 314 Dental Morphology	2
DEN HY 354 Pathology-General and Oral	3
DEN HY 306 Anatomy of the Head and Neck	2
DEN HY 303 Infection Control in Dentistry	1
DEN HY 350 Preventive Dentistry	2
DEN HY 312 Radiology I	2
TOTAL SEMESTER UNITS	17

REQUIRED COURSES SEMESTER 2 UNITS

DEN HY 308 Periodontics I	2
DEN HY 351 Clinical Dental Hygiene II	3
DEN HY 352 Care for Patients with Special Needs	1
DEN HY 356 Histology & Embryology of Oral Tissues	2
DEN HY 388 Introductory Seminar in Dental Hygiene	1
DEN HY 327 Local Anesthesia and Sedation Techniques	2
DEN HY 357 Biochemical Nutrition	3
*BIO 408 Pharmacology	3
TOTAL SEMESTER UNITS	17

REQUIRED COURSES SEMESTER 3 UNITS

DEN HY 389 Intermediate Seminar in Dental Hygiene	1
DEN HY 400 Cariology and Occlusion	1
DEN HY 401 Clinical Dental Hygiene III	4
DEN HY 304 Dental Health Education and Practicum	2
DEN HY 406 Periodontics II	1
DEN HY 415 Dental Material & Expanded Functions	3
*ANTHRO 322 Cultural Perspectives in Health & Healing	3
TOTAL SEMESTER UNITS	15

REQUIRED COURSES SEMESTER 4 UNITS

DEN HY 489 Advanced Seminar in Dental Hygiene	1
DEN HY 410 Emergencies in Dental Practice	1
DEN HY 450 Advanced Periodontal Seminar	1
DEN HY 451 Clinical Dental Hygiene IV	5
DEN HY 452 Law and Ethics of Dental Hygiene	2
DEN HY 305 Community Dental Health and Practicum	3
*ENGLISH 420 Research Design and Methodology	3
TOTAL SEMESTER UNITS	16

TOTAL PROGRAM UNITS **65**

(*upper division general education courses)

All upper- division major and general education courses must be completed at West Los Angeles College.

Students are eligible to take the Dental Hygiene National Board Examination and the licensing board practicum examination while in the last semester of senior year. Upon satisfactory program completion, students will be eligible to take the state jurisprudence exam to obtain a license and earn a Bachelor of Science Degree in Dental Hygiene.

WLAC DENTAL HYGIENE PROGRAM COMPETENCIES

Professionalism:

Legal & Ethical Principles- Dental Hygiene graduates must be competent in the ethical & legal principles underlying the practice of dental hygiene.

Health Promotion and Disease Prevention:

Infection & Hazardous Waste Management: Dental Hygiene graduates must be competent in infection & hazard control procedures to prevent the transmission of infectious diseases.

Health Education Strategies: Dental Hygiene graduates must be competent in health education strategies for the prevention of disease & the promotion of health for patients and the community.

Patient Care:

Dental Hygiene Process of Care: Dental Hygiene graduates must be competent in assessing the oral health needs of diverse populations and providing comprehensive dental hygiene care for persons of all ages/stages of life.

WLAC DENTAL HYGIENE PROGRAM LEARNING OUTCOMES (PLOS)

The dental hygiene program will provide opportunities for the student to become competent through an active learning process of organizing, interpreting and synthesizing information. Educational activities will be provided that enable the learner to develop expertise by integrating fundamental knowledge, scientific principles and applied psychomotor skills. Upon graduation, the dental hygienist will be able to demonstrate:

PLO I. Professionalism

The dental hygiene students must appreciate their role as health professionals at the local, state, and national levels. Students will demonstrate the necessary knowledge and values in legal regulations and ethical issues for the practice of dental hygiene.

PLO II. Health Promotion and Disease Prevention

The dental hygiene students will demonstrate competency in the performance and delivery of oral health promotion and disease prevention service in public health, private practice and alternative settings. The dental hygiene students will be able to apply principles in assessment, diagnosis, planning, implementation and evaluation of treatment. The graduate must also be prepared to influence others to facilitate access to care and services.

PLO-III. Patient Care

The students will demonstrate a thorough foundation in the biomedical, clinical, and behavioral sciences to achieve successful patient treatment outcomes. Students will utilize critical thinking, sound clinical judgment and cultural sensitivity with patients.

Approved by Dental Hygiene Faculty and Advisory Board 2015

Approved by the board on 4/15/15 & Approved by Faculty on 5/13/15

For more information, call (310) 287-4464 or visit the Allied Health website at www.wlac.edu/Allied-Health/index.aspx or come to the Dental Hygiene Office located in building MSB room 100.

BACHELOR OF SCIENCE IN DENTAL HYGIENE

NOTE: Upper division courses are open to admitted Dental Hygiene students only.

300 Principles of Dental Hygiene (3)

Open to enrolled students in Dental Hygiene (First Semester)
This course builds on the knowledge from program prerequisite courses and applies scientific evidence to the field of dental hygiene. Students will apply the concepts of professionalism, scope of practice, standards of care, and clinical practice parameters to enable the student develop strategies for comprehensive care

303 Infection Control in Dentistry (1)

Open to enrolled students in Dental Hygiene (First Semester) This course is designed to provide in-depth exploration of infection control concepts for the dental health care provider. Emphasis will be on principles and practical application in dentistry. Occupational Safety and Health Administration (OSHA), Environmental Protection Agency (EPA), Center for Disease Control (CDC) and other governmental agency standards will be presented.

304 Dental Health Education and Practicum (3)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)
This course is designed to prepare the dental hygienist to apply statistical, evidence based research, and epidemiological methods in providing oral health education in community based programs.

305 Community Dental Health and Practicum (3)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester) This course provides in-depth concepts and methods of preventive dentistry as they relate to the oral health of groups. Issues central to community dental health such as access to care, supply and demand, quality assurance, health financing, health policy, and community program development. This course includes a practicum component and is designed to provide experiences in program planning and implementation at various governmental and community settings. Smoking cessation and the recognition and reporting of abuse as mandated reporters are integrated.

306 Anatomy of the Head and Neck (2)

Open to enrolled students in Dental Hygiene (First Semester)
This course is designed to expand student knowledge of the anatomical structures of the head and neck, with focus on vasculature, nervous system innervation, and musculature. Emphasis will be on physiological, and biochemical aspects of the skull. Students will examine clinical correlations relevant for dental professionals in the clinical setting. Anatomical anomalies and pathology aspects will also be integrated.

308 Periodontics I (2)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)
This course is designed to provide knowledge in periodontal disease etiology, histology, diagnosis and classification of periodontal diseases according to the Academy of Periodontology. Emphasis will be on -principles of periodontal disease preventive therapy, treatment planning, reassessment, implantology, periodontal surgical procedures, supportive

periodontal therapy and referral to periodontal specialty practice.

311 Dental Hygiene Clinical I (2)

Open to enrolled students in Dental Hygiene (First Semester)
This course provides students the experience to discern and apply the knowledge gained in didactic courses into the clinical setting, including; infection control parameters, medical and dental assessments, interpretation of vital signs, oral cancer examination, periodontal instrumentation and other clinical techniques using clinical simulators and student partners.

312 Radiology I (2)

Open to enrolled students in Dental Hygiene (First Semester)
This course is designed to examine the principles of dental radiographic techniques, including digital and conventional imaging. Topics include history of radiography, principles of processing, legal considerations, and radiation safety. Clinical applications include exposure technique, film processing, mounting and uploading of radiographs into the electronic medical record, charting and preparing and interpreting dental radiographs. Emphasis is placed on radiation safety and protection.

314 Dental Morphology (2)

Open to enrolled students in Dental Hygiene (First Semester) This course is designed to provide the knowledge in anatomical concepts of the deciduous and permanent dentition. Emphasis is on comparative coronal and root anatomy, dental terminology, tooth morphology, the relationship of occlusion and function of the maxilla and mandible, and the role of occlusion to supporting facial musculature and other oral structures.

327 Local Anesthesia and Sedation Techniques (2)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)
This course will cover the theory and clinical methodology for pain control and anxiety management through the use of local anesthesia techniques in dentistry; anesthetic compounds, conscious sedation (inhalation-nitrous oxide and oxygen), safety measures, and management of medical complications.

350 Preventive Dentistry (2)

Open to enrolled students in Dental Hygiene (First Semester)
This course is designed to provide knowledge on the preservation of oral health, tooth structures and gingival tissues, and the prevention of oral disease. Emphasis will be on etiologic factors, risk assessment and integration of preventative strategies and skills necessary for the management of periodontal disease and dental caries through effective patient education and behavior modification techniques and motivation.

351 Clinical Dental Hygiene II (3)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)
Students will build on knowledge and skills learned in prior semester didactic and lab classes and integrate into the clinical setting. Emphasis of learning will be on Periodontal therapy for re-care and maintenance patients with mild to moderate active disease. In a variety of clinics; students will provide dental hygiene services to geriatric, adults, children and medically compromised patients.

352 Care for Patients with Special Needs (1)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)

This course is designed to provide the dental hygienist with concepts pertaining to individuals with special needs, the issues they face, referral to supportive services, and dental treatment modalities to meet their needs; Emphasis will be on medical, behavioral, physical and psychological considerations for the special population. Students will integrate the parameters of the American Disabilities Practice Act to classroom and co-requisite clinical setting.

354 Pathology-General and Oral (3)

Open to enrolled students in Dental Hygiene (First Semester)

This course is designed to provide concepts in etiology, pathogenesis of major human diseases, and the effects of these conditions to clinical and histo-genic features of oral diseases. Students learn to recognize and interpret tissue responses to antigens, allergic reactions, and assess lesions that occur in the oral cavity, jaws, and neck and formulate a differential diagnosis of lesions seen in the practice of dentistry to make appropriate referrals.

356 Histology and Embryology of Oral Tissues (2)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)

This course provides theory of the embryological human development of the oral cavity and identification and classification of normal and abnormal conditions of the oral cavity and supporting structures.

357 Biochemical Nutrition (3)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)

This course integrates the concepts of organic chemistry and bio-chemistry. The student will apply the nutritional principles of the human body to execute the dental hygienist's role as a nutritional educator. Topics include molecular structure, carbohydrates, proteins, nutrition and digestion, bio-energetic, nutritional aspects, nutritional disorders and dietary assessment.

388 Introductory Seminar in Dental Hygiene (1)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)

This course is designed for group discussion on best practices for dental hygiene clinical care. Discussions will center on accumulated theoretical knowledge, clinical experience and case studies for level I Clinical Dental Hygiene practice. Techniques in advanced instrumentation, and e-portfolio concepts will be presented

389 Intermediate Seminar in Dental Hygiene (1)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course is designed to build on the knowledge from the junior year Introductory Seminar Course. The students will collaborate with peers and faculty on best practices for dental hygiene clinical care and the senior level capstone project. Discussions and exercises will center on accumulated theoretical knowledge, clinical experience and case studies for level II Clinical Dental Hygiene practices.

400 Cariology and Occlusion (1)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course provides concepts related to normal and abnormal occlusal function, assessment of Temporal Mandibular Joint Disorder and treatment options for dental tissue pathology as it relates to cariology and occlusion. Emphasis will be on aspects of occlusal dysfunction, dental caries, dental hypersensitivity and dental trauma. The student will gain the knowledge to identify, document, and make a differential diagnosis for patient referrals.

401 Clinical Dental Hygiene III (4)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course is designed to evaluate the integration of the medical and dental assessments, provide periodontal instrumentation and integrate the skills necessary for the prevention and treatment of oral disease. Emphasis will be on the assessment, treatment and re-evaluation of the dental patient with active moderate to advanced periodontal disease and the medically compromised patient: Level III periodontal case.

406 Periodontics II (1)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course is designed to analyze the anatomy, histology and pathogenesis of the periodontium, and how they are correlated with the surgical and non-surgical therapy strategies currently in use. Emphasis will be on disease prevention, assessment, treatment planning and referral to specialty referrals.

410 Emergencies in Dental Practice (1)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

This course is designed to provide knowledge in the methods of medical and dental emergency prevention and management in the dental office. Emphasis is on recognizing signs, symptoms, and treatment of the more common medical emergencies which may occur in the dental setting. Drugs and equipment that are utilized in the management of medical emergencies are applied through case scenarios and in the clinical setting.

415 Dental Materials and Expanded Functions (3)

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course is designed to provide students with the knowledge of the material properties, composition and manipulation of materials used in dentistry. The study of dental materials enables the dental hygienist to understand and assess the conduction of various materials, and provides a scientific rationale for selecting, using and understanding the varied relationships of dental biocompatible-materials.

450 Advanced Periodontal Seminar (1)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

This course is designed to enable students to enhance and develop knowledge applicable in the treatment of patients with advanced periodontal disease. Concepts of implantology, grafts, surgical, and non-surgical periodontal therapy modalities are emphasized.

451 Clinical Dental Hygiene IV (5)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

This course is designed to provide advanced clinical experience in performing treatment for a variety of clinical patient cases. Students use local anesthesia, nitrous oxide sedation, oral antimicrobials, and dietary analysis. Licensing Board Examination requirements and protocol, are reviewed and simulated through practical exercises. Identification of an appropriate patient for licensure examination is made.

452 Law and Ethics of Dental Hygiene (2)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

Students study ethical theories and issues related to the practice of dental hygiene and professionalism. A personal philosophy of professional conduct, continuous quality assurance and self-assessment is explored. Fundamental factors necessary to practice within existing regulatory frameworks are stressed.

489 Advanced Seminar in Dental Hygiene (1)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

This course will center on case reasoning for Clinical Dental Hygiene care. Accumulated theoretical knowledge will be related to practical clinical applications.

BIOLOGY 408 Pharmacology (3)

Prerequisite: Open only to Dental Hygiene students who have completed all first semester Dental Hygiene courses attempted with a grade of "C" or better. (Second Semester)

This course is designed to classify and study therapeutic agents commonly encountered when treating medically compromised patients. Students learn chemical and physical properties, therapeutic effects, and methods of administration, dosage, contraindications and side effects of these agents. Emphasis will be placed on those drug groups including analgesics, sedatives, local anesthetics, nitrous oxide, anti-infective, antibiotics, and anti-viral drugs. In addition, the most common classes of drugs the patient is taking in the management of common diseases and disorders will be covered, including autonomic drugs, cardiovascular drugs, antihistamines, anti-inflammatory drugs, and anti-neoplastic drugs.

ANTHRO 322 Cultural Perspectives in Health and Healing

Prerequisite: Open only to Dental Hygiene students who have completed all second semester Dental Hygiene courses attempted with a grade of "C" or better. (Third Semester)

This course provides an introduction to the field of medical anthropology – the study of human health, disease and curing from a cross-cultural, historical, archeological, and evolutionary perspective. Societies throughout the world recognize certain bodily, emotional, and mental conditions as undesirable and in need of change. Individual and societal definitions of disease and responses to illness are shaped by biological characteristics, social dynamics, cultural values, and collective expectations. In this course we will examine various theories, methods, and frameworks in order to explore how health, illness, and healing are conceptualized and experienced in different cultures. Topics will include: medical ecology, cultural and political ecologies of disease, gender and health, medical systems as cultural systems, international health issues and programs, mental illness, and social definitions of health and illness.

ENGLISH 420 Research Design and Methodology (3)

Prerequisite: Open only to Dental Hygiene students who have completed all third semester Dental Hygiene courses attempted with a grade of "C" or better. (Fourth Semester)

This course is designed to introduce students to quantitative and qualitative methods for conducting meaningful inquiry and research. They will gain an overview of research intent and design, methodology and technique, format and presentation, and data management and analysis informed by commonly used statistical methods. Emphasis will be on review of professional journals.