

West Los Angeles College was approved to offer a Bachelor's of Science degree in Dental Hygiene in 2015. The inaugural class began in Fall 2016. This section contains

- Program Overview
- Degree Path Description
- Course Descriptions

NOTE: for important information regarding Admission, Financial Aid, Fees, Academic Policies, Grievance Procedures and more, refer to the Admissions and Student Services sections at the beginning of the catalog.

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.

American Dental Association
Commission on Dental Accreditation
211 East Chicago Avenue Suite 1900 | Chicago, Illinois 60611
800.621.8099 or 312.440.4653
<http://www.ada.org/en/coda/contact/>

DENTAL HYGIENE A.S. DEGREE: The Associate of Science (A.S.) in Dental Hygiene will not be offered after Spring 2017 when the last graduating class will complete the program. For information on the A.S. program, refer to the prior section, "Degrees & Certificates," in this catalog.

DENTAL HYGIENE

HEALTH SCIENCES DIVISION

PROGRAM OVERVIEW

The Bachelor of Science degree 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, periodontics, 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. 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.

REVISED 12/14/2017 *Note: 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~~. The Test of Essential Academic Skills (TEAS®) score will be required as part of the admission process, as will an ~~An essay or~~ entrance exam. ~~will be required as part of the admission process~~. All pre-requisite courses must be passed with a 'C' or better. A minimum science GPA of 3.0. ~~and~~ an overall GPA of 2.5, and a minimum of 60 units of degree applicable lower division coursework ~~are 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
CHEM 66	Organic & Biochemistry for Allied Health	5
	OR	
CHEM 221	Biochemistry	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

BACHELOR'S DEGREE

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

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 Health Sciences website at www.wlac.edu/Allied-Health/index.aspx or come to the Dental Hygiene Office located in building MSB room 100.

Pre-Requisite Courses

ANATOMY

1 Introduction To Human Anatomy (4) UC: CSU

Recommended: Biology 3A and Biology 3B

This course presents the structure of the human body by subdividing it into individual body systems. The functional anatomy of each level of organization is then studied from the microscopic level of organization to the gross level. In addition, the embryological development of each body system and selected pathologies will be examined. Laboratory exercises include the study of histological slides, photomicrographs, x-rays, the human skeleton, and the dissection of a cat. This course is intended to meet the requirements of students majoring in nursing, dental hygiene, occupational therapy, physical education, or for those who wish to extend their knowledge of the human body beyond the scope of introductory biology.

ANTHROPOLOGY

102 Human Ways Of Life: Cultural Anthropology (3) UC: CSU

This course presents students with an anthropological understanding of the varieties of lifestyles in human societies throughout the world, from nomadic foragers to complex state-level societies such as our own. The varied forms of marriage and the family, economic, political, and legal arrangements, religious expressions and art forms are examined in their own contexts and compared with others.

CHEMISTRY

51 Fundamentals Of Chemistry I (5) UC: CSU

Recommended: One year of high school algebra, or Mathematics 115.

This course is a descriptive course in inorganic and organic chemistry. Topics include the metric system of measurement; chemical symbols, formulas and nomenclature systems; chemical equations; physical properties including density, solubility and states of matter; chemical properties; acids, bases, buffers and pH; basic principles of equilibrium and an introduction to radioactivity. Organic topics focus on functional group identification including hydrocarbons, organic halides, alcohols, ketones, acids, esters, amines, carbohydrates, lipids and proteins. This course is designed for Nursing and other Allied Health majors, students in environmentally hazardous materials, elementary education or liberal arts who do not intend to take Chemistry 101.

UC Transfer Credit Limit: A maximum of one course from Chemistry 51 or 60. No credit for Chemistry 51 or 60 if taken after Chemistry 101.

60 Introduction To General Chemistry (5) UC: CSU

Prerequisite: One year of high school algebra, or Mathematics 115.

This basic chemistry course presents elementary principles of general chemistry, including nomenclature and problem solving. Students whose previous chemistry background is inadequate for Chemistry 101 should take this course in preparation for Chemistry 101.

Chemistry 60 is also recommended for students who have been away from high school chemistry for more than two years. UC Transfer Credit Limit: A maximum of one course from Chemistry 51 or 60. No credit for Chemistry 51 or 60 if taken after Chemistry 101.

COMMUNICATION STUDIES**101 Public Speaking (3) UC: CSU**

Replaces Speech 101.

This beginning course provides a study of the principles of communication and audience analysis. These principles are applied to everyday social and business relationships. Students are trained in the principle and practice of effective speech composition and delivery.

ENGLISH**101 College Reading And Composition I (3) UC: CSU**

Prerequisite: Appropriate placement level demonstrated through the English assessment process, or a grade of C or better in English 28.

This is a college-level freshman composition course which focuses on expository writing and argumentation and requires the writing of a minimum of 6000 words in essays and a research paper. Students study a variety of texts written at the college level, including literature, that reflect current academic concerns relating to issues of language, ethnicity, class, gender, identity, psychology, and cultural studies. The course is intended for students who plan to transfer to a four-year college or university.

103 Composition And Critical Thinking (3) UC: CSU

Prerequisite: English 101 with a grade of "C" or better.

This course, which meets the transfer critical thinking requirement, is designed to develop critical thinking, reading, and writing skills beyond the level achieved in English 101. Based on college-level readings, the course will focus on the development of logical reasoning and analytical and argumentative writing skills with a minimum of 10000 words of student writing submitted over the semester.

MATHEMATICS**227 Statistics (4) UC: CSU**

Prerequisite: Mathematics 123C, 125, or 128 with a grade of "C" or better, or equivalent preparation and a satisfactory score on the Intermediate Algebra Placement test.

This course discusses averages, variability, graphical techniques, probability, hypothesis testing, sampling, estimation, correlation, prediction, and linear regression. Topics include collection and analysis of data and how inferences about a population are made from that sample.

MICROBIOLOGY**20 General Microbiology (4) UC: CSU**

Prerequisites: Biology 3A, 3B.

Recommended: Successful completion of English 28.

Study of microorganisms, including their structure, metabolism, methods of multiplying, and classification. The techniques used to control microorganisms and the human body's defenses against microbial attack are emphasized. The laboratory covers the microscopic examination of microorganisms, aseptic techniques, the cultivation of bacteria, the effects of antimicrobial agents, and the influence of the environment on bacterial growth.

PHYSIOLOGY**1 Introduction To Human Physiology (4) UC: CSU**

Prerequisite: College Biology 3 or 3A and 3B with a grade of "C" or better.

This course presents the biochemical and biophysical principles underlying the physiological processes of the human being. Lecture topics include the neural and hormonal regulation of bodily processes, and the integration of the organ systems to maintain a constant fluid environment within the body. Special emphasis will be placed on the evaluation of body temperature, blood pressure, breathing, and urine output, as well as the interpretation of clinical laboratory tests. Laboratory exercises will introduce the student to the spectrophotometer, EKG machine, blood pressure cuff, and urinalysis tests. This course is intended to meet the requirements of students majoring in Nursing, Dental Hygiene, Occupational Therapy, Psychology, Physical Education, and Life Sciences, or for those who wish to extend their knowledge of the human body beyond the scope of introduction.

PSYCHOLOGY

1 General Psychology I (3) UC: CSU

This course presents an overview of the major fields of psychology, including research methods, learning and conditioning, biopsychology, memory, intelligence, health psychology, motivation and emotion, perception, human development, social psychology, personality, psychotherapy, and abnormal psychology. The history of modern psychology and its roots in philosophy is presented. Particular attention is given to the application of psychological concepts to the problems people find living in contemporary society.

SOCIOLOGY

1 Introduction To Sociology (3) UC: CSU

This course is an overview of what we know (and do not know) about human behavior and human societies. It examines how social life (life in groups, organizations and societies) affects people, and how people affect each other and their societies.

Required Courses

NOTE: The following upper division courses are open to enrolled Dental Hygiene Bachelor Degree students only.

DENTAL HYGIENE

300 Principles of Dental Hygiene (3)

Open to enrolled students in Dental Hygiene (First Semester)
This course builds on the knowledge from program pre-requisite 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 explores the concepts and methods of preventive dentistry as they relate to the oral health of groups. This course will also introduce and develop research concepts and data collection and analysis for public health events in schools, communities, and various health care settings.

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 Pre-Clinical Dental Hygiene (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 (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 histologic 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.

UPPER DIVISION

GENERAL EDUCATION REQUIRED COURSES

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 especially relevant to dental practice including analgesics, sedatives, local anesthetics, nitrous oxide, anti-infective, antibiotics, and anti-viral drugs. In addition, the most common classes of drugs the dental 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 advanced course prepares students to develop a research project as well as evaluate scientific evidence-based literature. Research design components and methodology will be discussed, as well as evaluation of scientific evidence-based literature and a capstone project. This is an upper division course, under the SB850 pilot project and only open to students in the baccalaureate degree program.

BACHELOR'S DEGREE