

# DENTAL HYGIENE (DNHY)

## Courses

### **DNHY 303. Dental Materials and Techniques. 2 Units.**

Materials and equipment used in dentistry. Practice in the manipulation and use of common materials. Includes a laboratory component.

### **DNHY 305. Oral Anatomy Lecture. 2 Units.**

Anatomy of the teeth and surrounding tissues.

### **DNHY 305L. Oral Anatomy Laboratory. 1 Unit.**

Laboratory for DNHY 305, Oral Anatomy Lecture.

### **DNHY 309. Radiology I. 3 Units.**

Principles governing radiation production and safety relative to radiographic anatomy/dental materials. Fundamentals of intraoral and extraoral techniques, darkroom procedures, and mounting of radiographs. Practical application of techniques. Basic fundamentals of quality assurance.

### **DNHY 310. Radiology II. 3 Units.**

Continues laboratory techniques. Intraoral and extraoral radiographic interpretation—including anatomy, pathology, and interpretation of the disease process of the oral hard tissues. Basic fundamentals of radiographic selection criteria. Includes laboratory component.

### **DNHY 321. Preclinical Dental Hygiene I Lecture. 2 Units.**

Preclinical phases of dental hygiene, including instrumentation techniques, patient management, intra- and extraoral soft-tissue assessment, charting procedures, disease processes, patient-health assessment, basic operator preparation, clinical asepsis, and oral health-care techniques.

### **DNHY 321L. Preclinical Dental Hygiene I Laboratory. 2 Units.**

Laboratory course for DNHY 321, Preclinical Dental Hygiene I.

### **DNHY 322. Preclinical Dental Hygiene II Lecture. 2 Units.**

Continues DNHY 321. Prerequisite: DNHY 321.

### **DNHY 322L. Preclinical Dental Hygiene II Laboratory. 2 Units.**

Laboratory course for DNHY 322, Preclinical Dental Hygiene II Laboratory. Prerequisite: DNHY 321, DNHY 321L.

### **DNHY 323. Preclinical Dental Hygiene III. 2 Units.**

Continues DNHY 322. Prerequisite or concurrent\*: DNHY 321, DNHY 322\*, DNHY 321L, DNHY 322L\*.

### **DNHY 323L. Preclinical Laboratory. 1 Unit.**

Laboratory course for DNHY 323, Preclinical Laboratory. Prerequisite or concurrent\*: DNHY 321L, DNHY 322L\*, DNHY 321, DNHY 322\*.

### **DNHY 328. Dental Hygiene Portfolio Practicum. 1 Unit.**

Student develops a capstone project to show evidence of personal growth and success in the dental hygiene core competencies.

### **DNHY 375. Dental Hygiene Clinic. 1 Unit.**

Clinical application of skills and techniques of dental hygiene. Prophylaxes on pediatric and adult patients.

### **DNHY 376. Dental Hygiene Clinic. 4 Units.**

Continues DNHY 375. Prerequisite or concurrent: DNHY 375.

### **DNHY 380. Medically Compromised Patients. 2 Units.**

Lectures dealing with the medically compromised patient relative to the use of local anesthetics, drug interactions, need for antibiotic premedication, and necessary modification in treatment planning. Repeated registrations required to fulfill total units.

### **DNHY 381. Pharmacology for the Dental Hygienist I. 2 Units.**

Introduces the basic principles of pharmacology. Emphasizes the use, actions, and clinical implications/contraindications to medications used by dental patients.

### **DNHY 382. Pharmacology for the Dental Hygienist II. 2 Units.**

Continues DNHY 381. Emphasizes application through the use of case studies.

### **DNHY 390. Introductory Statistics. 2 Units.**

Fundamentals of statistical analysis and critique of research data in scientific literature and in student research projects. Inferential and descriptive statistics, frequency distribution, histograms, bar graphs, and statistical tests. Computer applications in preparing and analyzing research data. Domain II.

### **DNHY 405. Introduction to Periodontics. 2 Units.**

Reviews gross and microscopic anatomy of the periodontium in health and disease. Primary etiology of periodontal disease. Examines patient's clinical periodontal status. Introduces the diagnostic and treatment-planning process.

### **DNHY 406. Orthodontics Concepts for Dental Hygiene. 1 Unit.**

Applies basic skeletal and dental growth, and development to orthodontics. Includes treatment modalities and procedures required for successful practice of orthodontics.

### **DNHY 408. Professional Ethics. 2 Units.**

Develops understanding of hygienist's obligations to the public and to their professional association. Defines the ethical and mature conduct expected of professional health-care providers. Compares and contrasts professional ethics and personal morality as they relate to dental hygiene practice.

### **DNHY 409. Jurisprudence and Practice Management. 2 Units.**

Laws and regulations that govern the practice of dental hygiene, with special emphasis on California regulations. Standards of government regulations. Obligations of the hygienist to the public and to their profession.

### **DNHY 411. Dental Hygiene Topics I. 2 Units.**

Student develops advanced hygiene-care planning skills, with emphasis on knowledge synthesis. Topics cover aspects of patient care, including whole-patient care and patients with special needs.

### **DNHY 413. Dental Hygiene Topics III. 2 Units.**

Topics related to employment for dental hygienists. Additional topics include various opportunities in the dental hygiene profession and educational advancement strategies.

### **DNHY 414. Personal Finance. 2 Units.**

Personal finance topics, including credit, taxes, insurance, real estate, budgeting, housing, and inflation.

### **DNHY 415. Applied Nutrition. 2 Units.**

Basic concepts of nutrition. Balance, adequacy, nutrient density, dietary choice, weight management, nutrition, and oral health. Addresses nutritional needs of children and the aged, and medically and dentally compromised patients. Dietary assessment and counseling.

### **DNHY 416. Dental Health Education I. 2 Units.**

Current theories and principles of psychology as they relate to learning and teaching, personality development and change, and interpersonal processes and dynamics.

### **DNHY 417. Dental Health Education II. 2 Units.**

Principles and practices involved in teaching dental public health. Fieldwork in local schools and community. Methods and practice of professional presentation.

**DNHY 421. Research I. 2 Units.**

Introduces research methodology. Evaluates literature, emphasizing statistics adequate for interpretation of the literature. Student reviews literature and designs a research proposal in preparation for professional presentation of a table clinic or informational project. Inprogress (IP) given until completion of all units for this course.

**DNHY 422. Research II. 2 Units.**

Review and emphasis of research methodology. Develops literature review, emphasizing statistics adequate for interpretation of the literature. Student continues to develop a research proposal in preparation for professional presentation of a table clinic or informational project. Student conducts research experiment or project culminating in presentation of the results at a professional meeting. In progress (IP) given until completion of all units for this course.

**DNHY 431. Public Health Dentistry. 3 Units.**

Philosophy, principles, language, and objectives of public health and public health dentistry. Critical review of the literature.

**DNHY 435. Special Topics in Periodontal Therapy. 2 Units.**

Studies advanced periodontal topics and special problems related to periodontal therapy.

**DNHY 450. Junior Clinical Seminar. 1 Unit.**

A two-quarter course that introduces topics and issues directly and indirectly related to the comprehensive practice of dental hygiene.

**DNHY 451. Clinical Seminar I. 1 Unit.**

Topics and issues related to clinical competency and development of critical-thinking skills through the use of patient-care examples and class discussion.

**DNHY 452. Clinical Seminar II. 2 Units.**

Topics and issues related to clinical competency and preparation for the clinical board examination. Student development of advanced patient-care plans.

**DNHY 453. Clinical Seminar III. 1 Unit.**

Topics and issues related to clinical competency. Presentation of advanced patient-care plans. Prerequisite or concurrent: DNHY 452.

**DNHY 475. Dental Hygiene Clinic I. 4 Units.**

Integrates all components of oral health care into the clinical treatment of patients.

**DNHY 476. Dental Hygiene Clinic II. 4 Units.**

Integrates all components of oral health care into the clinical treatment of patients. Prerequisite or concurrent: DNHY 475.

**DNHY 477. Dental Hygiene Clinic III. 4 Units.**

Integrates all components of oral health care into the clinical treatment of patients. Prerequisite for concurrent\*: DNHY 475, DNHY 476\*.

**DNHY 495. Dental Hygiene National Board Preparation. 1,2 Unit.**

Lecture and case-based reviews of the entire dental hygiene curriculum, including, but not limited to: prerequisite basic sciences; preclinical, laboratory, and clinical sciences; and behavioral sciences. Reviews in preparation for the dental hygiene national board examination directly related to concurrent test-taking skill workshops based on standardized testing evidence for success.

**DNHY 497. Advanced Shadowing Experience. 12 Units.**

An elective course open to students seeking shadowing experience in dental hygiene. Credits do not count toward an academic degree.