

Curriculum

*ESSENTIAL REQUIREMENTS

A successful student should possess the potential to perform the essential requirements listed below:

- 1. Gross and Fine Motor Skills:** have the capability to administer local anesthetic and handle sharps safely; place silver and resin restorations; handle rotary hand-pieces (dental drills) and hand carving instruments; manipulate equipment such as x-ray machines, nitrous oxide and oxygen tanks; manage emergency situations and perform CPR; maintain repetitive hand and arm motions associated with daily dental hygiene tasks.
- 2. Intellectual and conceptual skills:** apply geometric principles to perform radiographic procedures; calculate maximum dosages of local anesthetics and vasoconstrictors; carry a heavy academic course load for several consecutive quarters.
- 3. Communication skills:** interpret patient medical records and references in English; document dental hygiene care clearly and accurately in English; communicate effectively with patients, students and faculty.
- 4. Behavioral and social skills:** maintain composure in stressful situations, project a professional image, and demonstrate willingness to be a team player.
- 5. Observation and assessment skills:** learn from visual demonstrations and activities in the classroom, labs and clinic. Be ready to perform self-assessments in clinical situations.
- 6. Work experience** in a dental office is highly recommended though not required.

Dental Hygiene Curriculum

COURSE DESCRIPTIONS

1st Quarter

DENTAL HYGIENE 100

Head and Neck Anatomy (2)

The study of the anatomy of the head and neck-specifically the bony structures, blood supply, musculature, and nerve supply.

Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 101

Histology/Embryology (3)

The study of the development, histology and function of the tissues in the oral cavity. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 102

Principles of General Pathology and Systemic Disease (2)

The study of general disease conditions that affect the human body and dental treatment. Introduction to terminology, specific diseases and their causes. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 110

Dental Radiology (2)

The study of the fundamentals of radiology and radiation hygiene, with demonstration and practice in the exposing and processing of intra-oral radiographs. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 121

Clinical Dental Hygiene and Fundamentals I (8) (3 clinical credits)

Introduction to clinic procedures and patient examination techniques. 150. Prerequisite: Admission to Dental Hygiene Program or permission of the instructor. Mandatory P/O.0 or P/NC grading. Lecture and discussion pertinent to clinical skills and related subjects that will be applied in dental hygiene pre-clinic and clinic. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 141

Procedures Seminar I (1)

First-year, weekly discussion and lecture sessions with special emphasis on program policies and procedures for lab and clinic operation and WISHA regulations for blood borne pathogen exposure control and hazard control. Prerequisite: Admission to Dental Hygiene Program or permission of instructor. Mandatory P/O.0 or P/NC grading.

2nd Quarter**DENTAL HYGIENE 111**

Dental Radiology (3)

Continuation of DENHY 110 with continued emphasis on intra-oral radiographic techniques. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 112

Dental Anatomy and Morphology (2)

Lecture and laboratory exercises on nomenclature, anatomy, morphology and function of the primary and permanent dentitions. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 115

Pain Control I (3)

A study of physiology, pharmacology of local anesthetic drugs, complications, patient evaluation, and techniques utilized in the administration of local anesthetics in dentistry. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 120

Medical Emergencies (2)

Lectures and clinical exercises preparing the student to prevent, recognize, and respond to medical emergencies in the dental setting. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 122

Clinical Dental Hygiene and Fundamentals II (6) (4 clinical credits)

Performance of traditional dental hygiene clinical procedures on patients from the campus and community. 160. Prerequisite: admission to the Dental Hygiene Program or permission of the instructor. Lecture and discussion pertinent to clinical skills and related subjects which will be applied in dental hygiene clinic. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 142

Procedures Seminar II (1)

First-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, and policies and procedures for clinical operation. Occasional guest lectures are included Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory P/O.0 or P/NC grading.

DENTAL HYGIENE 151

Patient Records I (1)

Weekly discussion sessions for 1st year students with emphasis on patient chart record keeping, patient care planning/referrals, and policies and procedures necessary to fulfill legal duties owed to patients, and maintain positive public relations. Admission to the Dental Hygiene Program or permission of the instructor. 190. Mandatory decimal grading.

3rd Quarter

DENTAL HYGIENE 114

Oral Pathology (2)

The recognition and etiology of clinical oral pathologies of the oral/facial area. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 123

Clinical Dental Hygiene and Fundamentals III (6) (4 clinical credits)

Performance of traditional dental hygiene clinical procedures on patients from the campus and community. Prerequisite: admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading. Lectures, discussions and practice labs pertinent to clinical skills and related subjects which will be applied in dental hygiene clinic. Prerequisite: Admission to the Dental Hygiene program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 130

Pharmacology (3)

The study of the general pharmacological and therapeutic actions of drugs pertaining to dentistry, including nomenclature, dosage, routes of administration, indications, contraindications, and the legal factors involved in dispensing. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 152

Patient Records II (1)

Discussion sessions for 1st year students with emphasis on patient chart record keeping, care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients and to maintain positive public relations. Includes screening exams on patients. Prerequisite: admission to the Dental Hygiene Program or permission of the instructor. Mandatory Decimal Grading.

DENTAL HYGIENE 161

Periodontology I (2)

The recognition and etiology of diseases of the periodontium. This is the first course in a series of three consecutive courses in periodontology, and provides fundamental knowledge in the field of dental hygiene. Prerequisite: Admission to the Dental Hygiene Program and satisfactory progress in the program. Mandatory decimal grading.

DENTAL HYGIENE 181

Restorative Dentistry I (3)

Introduction to restorative dentistry procedures, including rubber dam application, alginate impressions, study models, sealants, mercury hygiene, matrix and wedge application, amalgam carving and L.A. Chemical and physical properties of the materials used will also be studied. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

4th Quarter

DENTAL HYGIENE 124

Clinical Dental Hygiene and Fundamentals IV (5) (3 clinic credits)

Performance of traditional dental hygiene clinical procedures on patients from the campus and community. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Lectures, discussions and practice labs pertinent to clinical skills and related subjects which will be applied in dental hygiene clinic. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 140

Ethics and Jurisprudence (3)

Lectures and discussions regarding ethics and jurisprudence related to the practice of dentistry and dental hygiene. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 162

Periodontology II (2)

Continuation of the study of periodontal disease, with increased scope and depth concerning histopathology and etiologies of periodontal disease. Emphasis is placed on non-surgical treatment of the various types of periodontal disease. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 171

Community and Public Health Dentistry 1 (2)

Students work in groups to develop and implement a community based program with an educational component. Lectures cover the ADPIE model for program planning, teaching methods, analysis of special group characteristics, and formulation of lesson plans and development of visual aids. Prerequisite: Admission to the Dental Hygiene program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 182

Restorative Dentistry II (1)

Preclinical laboratory exercises in placement and finishing of amalgam restorations. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory P/NC grading.

5th Quarter**DENTAL HYGIENE 215**

Pain Control II (1)

Lecture, demonstration and clinical application of nitrous oxide analgesia and local anesthesia. Lectures on other pain control modalities used in dentistry. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor.

DENTAL HYGIENE 221

Clinical Dental Hygiene V (6)

Continuing performance of traditional dental hygiene clinical procedures on patients from the campus and community with increasing competency and efficiency. Successful completion of DENHY 124. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 231

Dental Hygiene Fundamentals V (2)

Lectures, discussions and practice labs pertinent to clinical skills and related subjects which will be applied in second year dental hygiene clinic. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 241

Procedures Seminar V (1)

Second-year weekly discussion and lecture sessions with special emphasis on patient care planning/referrals and policies and procedures for clinical operation. Occasional guest lectures are included. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor. Mandatory P/0.0 or P/NC grading.

DENTAL HYGIENE 250

Dental Gerontology (1)

A course dealing with the special knowledge, attitudes, and technical skills required to provide oral health care to older adults. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 251

Patient Records III (1)

Discussion sessions for 2nd year students with emphasis on patient chart record keeping, patient care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients. Patient exams/charting performed with instructor assistance. Prerequisite: Admission to Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 260

Care of the Patient with Special Needs (1)

Educational experiences which will enable each student to recognize the physiological, psychological, psychosocial, medical, and oral aspects of disabling conditions in preparation for clinical management of such patients. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 261

Periodontology III (1)

Continuation of the study of periodontal disease. Emphasis is placed upon the surgical, reconstructive and maintenance phases of periodontal therapy. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 281

Restorative Dentistry III (3)

A study of restorative dentistry procedures and materials including the chemical and physical properties, selection, usage and manipulation. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 282

Restorative Dentistry Preclinic and Clinic (3)

Preclinical laboratory exercises in the placement and finishing of amalgam and composite restorations. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

6th Quarter**DENTAL HYGIENE 222**

Clinical Dental Hygiene VI (6)

Continuing performance of traditional dental hygiene clinical procedures on patients from competency and efficiency. Completion of initial Mock Board. Successful completion of DENHY 221. Mandatory decimal grading.

DENTAL HYGIENE 232

Dental Hygiene Fundamentals VI (2)

Lectures, discussions, and practice labs pertinent to clinical skills and related subjects which will be applied in dental hygiene clinic. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 242

Procedures Seminar VI (1)

Second-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, and policies and procedures for clinical operation, plus Mock Board patient selection criteria. Occasional guest lectures are included. Successful completion of DENHY 241. Mandatory decimal grading.

DENTAL HYGIENE 252

Patient Records IV (1)

Weekly discussion sessions for second-year students with special emphasis on patient chart record-keeping, and policies and procedures necessary to fulfill legal duties owed to patients, and maintain positive public relations. Includes screening exams on patients. Prerequisite: Admission to Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 271

Public Health/Community Dentistry (2)

Introduction to the basic principles of public health theory, methods, research, social epidemiology and its impact on dental health education and the dental care delivery system. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 278

Extramural Clinic I (1)

Special clinical rotation for second-year students to attend individualized clinical experiences, with dental hygiene treatment for patients in extramural community clinics. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory P/0.0 or P/NC grading.

DENTAL HYGIENE 283

Restorative Clinic I (2)

Clinical experience in restorative dentistry procedures. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

7th Quarter**DENTAL HYGIENE 223**

Clinical Dental Hygiene VII (6)

Continuing performance of traditional dental hygiene clinical procedures on patients from the campus and community with increasing competency and efficiency. Successful completion of DENHY 222. Mandatory decimal grading.

DENTAL HYGIENE 233

Dental Hygiene Fundamentals VII (2)

Lectures and discussions relating to entry into the dental hygiene profession and presentation of perio-control project. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 243

Procedures Seminar VII (1)

Second-year, weekly discussion and lecture sessions with special emphasis on patient care planning/referrals, policies and procedures for clinical operation, and preparation for the restorative and written portions of the State and Western Regional Licensing Exams. Successful completion of DENHY 242. Mandatory P/NC grading.

DENTAL HYGIENE 253

Patient Records V (1)

Discussion sessions for 2nd year students with emphasis on patient chart record keeping, patient care planning/referrals, policies/procedures necessary to fulfill legal duties owed to patients. Patient exams/charting performed with minimal instructor assistance. Prerequisite: Admission to Dental Hygiene Program or permission of instructor. Mandatory decimal grading.

DENTAL HYGIENE 270

Professional Issues (1)

Lecture and discussion regarding the practice of dental hygiene including resume development, interviewing techniques, patient scheduling systems, employment contracts and dental staff relations. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 272

Special Community Dental Health Project (1)

Advanced study areas in community dental health with community projects to be arranged on an individual basis with the instructor. Prerequisite: DENHY 171 and DENHY 271 or permission of the instructor. Mandatory P/0.0 or P/NC grading.

DENTAL HYGIENE 284

Restorative Clinic II (2)

Clinical experience in restorative dentistry procedures. Prerequisite: Admission to the Dental Hygiene Program or permission of the instructor. Mandatory decimal grading.

DENTAL HYGIENE 288

Extramural Clinic II (1)

Special clinical rotation for second-year students to attend individualized clinical experiences, with dental hygiene treatment for patients in extramural community clinics. Prerequisite: Admission to the Dental Hygiene Program or permission of instructor.

Mandatory P/0.0 or P/NC grading.

Special Topics**DENTAL HYGIENE 291, 291, 292**

Special Topics In Dental Hygiene (1, 2, 3)

Classes focusing on specific issues and/or topics of interest in dental hygiene.

DENTAL HYGIENE 297, 298, 299

Individual Project In Dental Hygiene (1, 2, 3)

Individual project in a specific area of dental hygiene. By arrangement with instructor. Prerequisite: Instructor permission, based on evaluation of students educational and work experience. Mandatory decimal grading.