

DENTAL HYGIENE (DHYG)

DHYG 1101 - Orofacial Anatomy (4 Credits)

A study of the anatomical sciences of the orofacial region to include oral histology and embryology; head and neck anatomy, and dental anatomy. Offered: Fall.

Prerequisites: BIOL 112 or BIOL 2412K or BIOL 1100K

Corequisites: DHYG 1121, DHYG 1131

Lecture hours: 4

DHYG 1110 - Nutrition (1 Credit)

An overview of the major nutrient classifications, functions, sources and deficiencies. Emphasis on the well-balanced diet for maintenance of health. Offered: Spring.

Prerequisites: CHEM 1151K or CHEM 110

Corequisites: DHYG 1114, DHYG 1122, DHYG 1132

Lecture hours: 1

DHYG 1114 - Radiology (3 Credits)

Basic principles of roentgenographic techniques including exposing, processing, mounting and charting radiographs. Anatomical landmarks for interpretation and safety precautions for the patient and operator. Offered: Spring.

Prerequisites: DHYG 1101 and DHYG 1121 and DHYG 1131

Corequisites: DHYG 1110, DHYG 1122, DHYG 1132, DHYG 2100

Lecture hours: 2

Lab hours: 3

DHYG 1121 - Dental Hygiene Lecture I (3 Credits)

An introduction to fundamental concepts relating to the profession of dentistry, including terminology, history and organization. A study of asepsis, patient assessment, deposits and preventive services. Offered: Fall.

Corequisites: DHYG 1101, DHYG 1131

Lecture hours: 3

DHYG 1122 - Dental Hygiene Lecture II (2 Credits)

A continued study of patient management and education, and also dental hygiene treatment. Offered: Spring.

Prerequisites: DHYG 1121 and DHYG 1131 and DHYG 1101

Corequisites: DHYG 1110, DHYG 1114, DHYG 1132, DHYG 2100

Lecture hours: 2

DHYG 1131 - Dental Hygiene Clinic I (2 Credits)

An introduction to specific tasks required for delivery of dental hygiene services; infection control, patient assessment, scaling, and polishing and fluoride application procedures. Students acquire competencies through manikin and peer experiences under continuous supervision by clinical faculty. Offered: Fall.

Corequisites: DHYG 1101, DHYG 1121

Lab hours: 6

DHYG 1132 - Dental Hygiene Clinic II (3 Credits)

A continuation of DHYG 1131 with the addition of sharpening, plaque control instruction, and power scaling instrument. When safe techniques have been mastered, students deliver dental hygiene care to adult and child patients. An introduction to nutritional counseling. Offered: Spring.

Prerequisites: DHYG 1131 and DHYG 1101 and DHYG 1121

Corequisites: DHYG 1110, DHYG 1114, DHYG 1122

Lab hours: 9

DHYG 1133 - Dental Hygiene Clinic III (2 Credits)

A continuation of DHYG 1132 with the addition of radiographs and dietary counseling. Instruction will also be provided in the manipulation of dental materials and advanced periodontal instrumentation. Students will visit a limited number of dental specialty offices. Offered: Summer.

Prerequisites: DHYG 1110 and DHYG 1114 and DHYG 1122 and

DHYG 1132 and DHYG 2100

Corequisites: DHYG 2550

Lab hours: 6

DHYG 2100 - Periodontics (2 Credits)

Principles of periodontology, etiology, and classification of periodontal disease with emphasis on prevention, scope of responsibility of the dental hygienist and treatment planning. Offered: Spring.

Prerequisites: (BIOL 2211K or BIOL 115 or BIOL 2115K)

Corequisites: DHYG 1110, DHYG 1114, DHYG 1122, DHYG 1132

Lecture hours: 2

DHYG 2150 - Pharmacology (2 Credits)

Drugs, their properties, dosage, method of administration and therapeutic use with attention given to those drugs most commonly used in dentistry. Offered: Fall.

Prerequisites: DHYG 1133 and DHYG 2550 and BIOL 2211K

Corequisites: DHYG 2210, DHYG 2250, DHYG 2310

Lecture hours: 2

DHYG 2210 - Dental Hygiene Lecture IV (1 Credit)

A seminar course with emphasis on special needs patients and advanced periodontal patients. Offered: Fall.

Prerequisites: DHYG 1133 and DHYG 2550

Corequisites: DHYG 2150, DHYG 2250, DHYG 2310

Lecture hours: 1

DHYG 2220 - Dental Hygiene Lecture V (1 Credit)

A seminar course with emphasis on jurisprudence and office management for the dental hygienist. Offered: Spring.

Prerequisites: DHYG 2210 and DHYG 2310 and DHYG 2250 and

DHYG 2150

Corequisites: DHYG 2320, DHYG 2400

Lecture hours: 1

DHYG 2250 - General and Oral Pathology (3 Credits)

Basic principles, causes and underlying mechanisms of disease phenomena with special emphasis on the oral cavity. Offered: Fall.

Prerequisites: (BIOL 1100K or BIOL 2411K) and DHYG 1133 and

DHYG 2550

Corequisites: DHYG 2150, DHYG 2210, DHYG 2310

Lecture hours: 3

DHYG 2310 - Dental Hygiene Clinic IV (4 Credits)

A continuation of DHYG 1133 with the addition of study models, sealants, advanced periodontal patients and oral irrigation. Offered: Fall.

Prerequisites: DHYG 1133 and DHYG 2550

Corequisites: DHYG 2150, DHYG 2210, DHYG 2250

Lab hours: 12

DHYG 2320 - Dental Hygiene Clinic V (4 Credits)

A continuation of DHYG 2310. Offered: Spring.

Prerequisites: DHYG 2310 and DHYG 2150 and DHYG 2210 and DHYG 2250

Corequisites: DHYG 2220, DHYG 2400

Lab hours: 12

DHYG 2400 - Community Dental Health (4 Credits)

Principles of public health dentistry, educational concepts and strategies in dental health education. Emphasis on assessment of dental needs, developing and evaluating programs, and epidemiology and research. Offered: Spring.

Prerequisites: DHYG 2310 and DHYG 2210 and DHYG 2150 and DHYG 2250 and COMM 1000

Corequisites: DHYG 2220, DHYG 2320

Lecture hours: 3

Lab hours: 3

DHYG 2550 - Dental Specialties & Materials (2 Credits)

Introduction to the specialty areas of dental practice. A study of dental materials used in a general practice office. Offered: Summer.

Prerequisites: DHYG 1132 and DHYG 1114 and DHYG 1110 and DHYG 1122 and DHYG 2100

Corequisites: DHYG 1133

Lecture hours: 2