

DENTAL HYGIENE (DHP)

DHP 120 (4 credit hours)

Dental Hygiene I

Includes basic assessment and clinical skills, related theory, professional role and responsibilities of the dental hygienist as a member of the dental health team. BIO 137 and BIO 139 or equivalent, with a grade of "C" or better. Lecture: 2.5 credits (37.5 contact hours); Clinical: 1.5 hours (180 contact hours).

Pre-requisite: Acceptance into the Dental Hygiene Program; Computer Literacy or equivalency; and CPR certification.

Attributes: Technical

Components: CLN: Clinical, LEC: Lecture

DHP 122 (2 credit hours)

Dental Nutrition

Presents basic principles of nutrition with emphasis on nutritional counseling in relationship to dental health, determination of patient nutritional status, and application to oral health and effects of nutritional deficiencies. BIO 137 and BIO 139 or equivalent, with a grade of "C" or better. Lecture: 2.0 credits (30 contact hours).

Pre-requisite: Acceptance into the Dental Hygiene Program; Computer Literacy or equivalent; and CPR certification.

Attributes: Technical

Components: LEC: Lecture

DHP 123 (2 credit hours)

Oral Biology

Focuses on oral histology and embryology, head and neck anatomy, and dental morphology applicable to the practice of dental hygiene. BIO 137 and BIO 139 or equivalent both with a minimum grade of C. Integrated Lecture: 1 credit (15 contact hours). Integrated Lab: 1 credit (45 contact hours).

Pre-requisite: Acceptance into Dental Hygiene Program; digital literacy is defined by KCTCS or equivalent; and CPR certification.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

DHP 124 (2 credit hours)

Materials in Dentistry

Examines the physical and chemical properties of dental materials with an emphasis on composition and application. BIO 137 and BIO 139 or equivalent, both with a minimum grade of C. Lecture: 1.5 credits (22.5 contact hours). Laboratory: 0.5 credits (22.5 contact hours).

Pre-requisite: Acceptance into the Dental Hygiene Program; digital literacy as defined by KCTCS or equivalent; and CPR certification.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

DHP 130 (3 credit hours)

Dental Hygiene II

Focuses on preparing the student to provide patient treatment that includes preventive and therapeutic procedures to maintain oral health and assist the patient in achieving oral health goals. Lecture: 2.0 credits (30 contact hours). Clinical: 1.0 credit (120 contact hours).

Pre-requisite: DHP 120, DHP 122, DHP 123, DHP 124 and (BIO 225 or BIO 226, or equivalent) all with a minimum grade of C.

Attributes: Technical

Components: CLN: Clinical, LEC: Lecture

DHP 132 (4 credit hours)

Oral Pathology and Pharmacology

Covers the disciplines of general pathology, oral pathology, pharmacology, and therapeutics as related to dental hygiene care. Integrated Lecture: 2.5 credits (37.5 contact hours). Integrated Lab: 1.5 credits (67.5 contact hours).

Pre-requisite: DHP 120, DHP 122, DHP 123, DHP 124 and (BIO 225 or 226 or equivalent) all with a minimum grade of C.

Attributes: Technical

Components: LAI: Integrated Laboratory, LEI: Integrated Lecture

DHP 135 (3 credit hours)

Dental Radiology

Introduces theory and clinical practice of oral radiography. Presents the history, development, properties and uses of x-radiation. Emphasizes radiation hygiene and safety. Covers digital technology and all types of radiographic systems. Introduces radiographic anatomical landmarks and pathology seen on radiographs. Lecture: 2.5 credits (37.5 contact hours). Laboratory: 0.5 credit (30 contact hours).

Pre-requisite: DHP 120, DHP 122, DHP 123, DHP 124, and (BIO 225 or BIO 226, or equivalent) all with a minimum grade of C.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

DHP 136 (2 credit hours)

Periodontics I

Introduces the clinical, histological, and radiographic differences between healthy and unhealthy periodontal tissues. Emphasizes etiology, risk factor assessment, pathogenesis, and classification of periodontal diseases. Lecture: 2.0 credits (30 contact hours).

Pre-requisite: DHP 120, DHP 122, DHP 123, DHP 124, and (BIO 225 or BIO 226, or equivalent) all with a minimum grade of C.

Attributes: Technical

Components: LEC: Lecture

DHP 220 (3 credit hours)

Dental Hygiene III

Emphasizes the continued treatment of clinical patients. Focuses on treatment and management of dental patients with special needs and emphasizes appropriate changes in dental treatment in response to a patient's medical condition. Clinical: 2.0 credits (240 contact hours). Discussion: 1.0 credit (15 contact hours).

Pre-requisite: DHP 130, DHP 132, DHP 135 and DHP 136 all with a minimum grade of C.

Attributes: Technical

Components: CLN: Clinical, DIS: Discussion

DHP 222 (3 credit hours)

Special Needs Patients

Focuses on the specific oral health care needs of persons with a variety of medical, disabling or mental conditions and provides for discussion of innovative approaches to serving populations with special oral health care needs. Emphasizes special pharmacological considerations and treatment modifications. Lecture: 3.0 credits (45 contact hours).

Pre-requisite: DHP 130, DHP 132, DHP 135, and DHP 136 all with a minimum grade of C.

Attributes: Technical

Components: LEC: Lecture

DHP 226 (2 credit hours)

Periodontics II

Emphasizes the role of the dental hygienist in the identification and treatment of periodontal diseases. Focuses on non-surgical interventions and current surgical therapies in dentistry. Introduces implant management, advanced instrumentation and the dental laser. Lecture: 1.5 credits (22.5 contact hours). Laboratory: 0.5 credit (30 contact hours).

Pre-requisite: DHP 130, DHP 132, DHP 135 and DHP 136 all with a minimum grade of C.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

DHP 229 (2 credit hours)

Local Anesthesia and Nitrous Oxide Sedation

Presents a conceptual framework and clinical skills necessary to administer local dental anesthetics and nitrous oxide sedation in accordance with Kentucky state dental practice act. Lecture: 1.25 credits (18.75 contact hours). Lab: 0.75 credit (45 contact hours).

Pre-requisite: DHP 130, DHP 132, DHP 135 and DHP 136 all with a minimum grade of C.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture

DHP 230 (3 credit hours)

Dental Hygiene IV

Focuses on mastery of all dental hygiene clinical skills utilized in treating all types of patients. Clinical: 2.0 credits (240 contact hours). Discussion: 1.0 credit (15 contact hours).

Pre-requisite: DHP 220, DHP 222, DHP 226, and DHP 229 all with a minimum grade of C.

Attributes: Technical

Components: CLN: Clinical, DIS: Discussion

DHP 235 (1 credit hours)

Principles of Practice

Emphasizes the legal, ethical, and managerial aspects of dental hygiene practice. Lecture: 1.0 credit (15 contact hours).

Pre-requisite: DHP 220, DHP 222, DHP 226, and DHP 229 all with a minimum grade of C.

Attributes: Technical

Components: LEC: Lecture

DHP 238 (3 credit hours)

Community Dental Health

Examines the assessment, planning, implementation and evaluation of community oral health needs. Focuses on reading and interpreting evidence-based literature. Relates current trends and best practices in oral health education. Emphasizes the presentation of dental health programs and educational research projects to community groups. Lecture: 2.0 credits (30 contact hours). Lab: 1.0 credit (30 contact hours).

Pre-requisite: DHP 220, DHP 222, DHP 226 and DHP 229 all with a minimum grade of C.

Attributes: Technical

Components: LAB: Laboratory, LEC: Lecture