

DENTISTRY (DENT)

Courses

DENT 700A. Dental Fundamentals I. 5 Units.

Introduces basic dental terminology and nomenclature, tooth morphologic characteristics, and interrelationships of permanent teeth. Presents source, use, and manipulation of dental materials, and physical properties relative to dentistry.

DENT 700B. Dental Fundamentals I. 6 Units.

Continues DENT 700A. Reinforces and continues development of understanding of terminology, morphologic characteristics, and interrelationships of permanent teeth. Introduces periodontal diseases and their classifications. Reinforces source, use, and manipulation of dental materials, and their physical properties relative to dentistry. Prerequisite: DENT 700A.

DENT 701L. Dental Fundamentals I Laboratory. 3 Units.

Introduces appropriate technical skills to understand and reproduce proper tooth contours. Focuses on the development of technical skills in the preparation and restoration of teeth.

DENT 702L. Dental Fundamentals I Laboratory. 4 Units.

Continues DENT 701L. Reinforces and continues development of appropriate technical skills to understand and reproduce proper tooth contours. Develops technical skills in the preparation and restoration of teeth. Prerequisite: DENT 701L.

DENT 710A. Professionalism, Mission, and Personal Development I. 2.5 Units.

Introduction to health care communication skills. Addresses individual, professional, and practical issues confronted by the dentist as a health-care professional. Discusses ethical issues in contemporary dentistry. Provides Christian resources for ethical decision making.

DENT 710B. Professionalism, Mission, and Personal Development I. 1.5 Unit.

Continues DENT 710A. Prerequisite: DENT 710A.

DENT 720A. Patient-Centered Care I. 2 Units.

Introduces patient care, fundamentals of dental assisting, and the EHR leading to becoming an integral part of the dental team.

DENT 720B. Patient-Centered Care I. 4.5 Units.

Continues DENT 720A. Prerequisite: DENT 720A.

DENT 730A. Biomedical Sciences and Oral Ecosystems I. 14.5 Units.

In-depth study of human anatomical sciences related to the dental profession. Presents molecular processes as foundation for adequate understanding of physiology. Reviews biomolecules, enzymology, and metabolism. Introduces regulatory motifs, genetic principles, and expression of genetic information. Examines physiological principles and systems in man and bases of normal function.

DENT 730B. Biomedical Sciences and Oral Ecosystems I. 18.5 Units.

Continues DENT 730A. Prerequisite: DENT 730A.

DENT 750A. Dental Fundamentals II. 12 Units.

Continues DENT 700B. Furthers the knowledge necessary to practice general dentistry. Emphasizes topics such as operative dentistry, periodontics, fixed prosthodontics, removable prosthodontics, dental anesthesia, and dental radiology. Prerequisite: DENT 700B.

DENT 750B. Dental Fundamentals II. 12.5 Units.

Continues DENT 750A. Furthers the knowledge necessary to practice general dentistry. Emphasizes topics such as fixed prosthodontics, removable prosthodontics, dental materials, oral and maxillofacial surgery, endodontics, orthodontics, and pediatric dentistry. Prerequisite: DENT 750A.

DENT 751L. Dental Fundamental II Laboratory. 5 Units.

Continues DENT 702L. Furthers the development of the practical skills necessary to practice general dentistry. Emphasizes procedures and techniques used in restorative dentistry such as operative dentistry, fixed prosthodontics, and removable prosthodontics. Prerequisite: DENT 702L.

DENT 752L. Dental Fundamental II Laboratory. 6 Units.

Continues DENT 751L. Furthers the development of the practical skills necessary to practice general dentistry. Emphasizes procedures and techniques used in fixed and removable prosthodontics, endodontics, and pediatric dentistry. Prerequisite: DENT 751L.

DENT 760A. Professionalism, Mission, and Personal Development II. 1.5 Unit.

Continues DENT 710B. Focuses on balanced life and mission skills to thrive in a professional environment. Prerequisite: DENT 710B.

DENT 760B. Professionalism, Mission, and Personal Development II. 1.5 Unit.

Continues DENT 760A. Prerequisite: DENT 760A.

DENT 770A. Patient-Centered Care II. 9 Units.

Introduces skills to move students from working as an assistant to becoming a disease control-level dental provider. Prerequisite: DENT 720B.

DENT 770B. Patient-Centered Care II. 9 Units.

Continues DENT 770A. Prerequisite: DENT 770A.

DENT 780A. Biomedical Sciences and Oral Ecosystem II. 8 Units.

Continues DENT 730B. Focuses on relating body systems and environment with the practice of dentistry. Prerequisite: DENT 730B.

DENT 780B. Biomedical Sciences and Oral Ecosystem II. 10 Units.

Continues DENT 780A. Prerequisite: DENT 780A.

DENT 800A. Dental Fundamentals III. 4.5 Units.

Furthers knowledge and development of skills in general dentistry. Prerequisite: DENT 750B.

DENT 800B. Dental Fundamentals III. 8 Units.

Continues DENT 800A. Prerequisite: DENT 800A.

DENT 801L. Dental Fundamentals III Lab. 4 Units.

Continues DENT 752L. Further develops practical skills necessary to practice general dentistry. Emphasizes procedures and techniques used in fixed and removable prosthodontics, orthodontics, and implant dentistry. Prerequisite: DENT 752L.

DENT 810A. Professionalism, Mission, and Personal Development III. 4.5 Units.

Focuses on thriving in a professional environment. Teaches balanced life skills in mission and personal development. Prerequisite: DENT 760B.

DENT 810B. Professionalism, Mission, and Personal Development III. 3.5 Units.

Continues DENT 810A. Prerequisite: DENT 810A.

DENT 820A. Patient-Centered Care III. 12 Units.

Clinical application of dentistry principles. Opportunity to gain experience with cases treated by general dentist including attendant diagnostic procedures, planning and treatment sequencing, disease-control procedures, and appropriate post-treatment care procedures. Prerequisite: DENT 770B.

DENT 820B. Patient-Centered Care III. 12 Units.

Continues DENT 820A. Prerequisite: DENT 820A.

DENT 830A. Biomedical Sciences and Oral Ecosystems III. 3 Units.

Continues DENT 780A. Focuses on relating body systems and environment with dentistry practice. Prerequisite: DENT 780A.

DENT 830B. Biomedical Sciences and Oral Ecosystems III. 5 Units.

Continues DENT 830A. Prerequisite: DENT 830A.

DENT 850A. Dental Fundamentals IV. 3 Units.

Provides foundational knowledge and skills necessary to perform endodontic treatment on uncomplicated permanent teeth. Treatment planning and problem solving in removable prosthodontics and combination cases. Prerequisite: DENT 800B.

DENT 850B. Dental Fundamentals IV. 2 Units.

Continues DENT 850A. Prerequisite: DENT 850A.

DENT 860A. Professionalism, Mission, and Personal Development IV. 3.5 Units.

Continues DENT 810B, focuses on thriving in a professional environment. Teaches balanced life skills in mission and personal development. Prerequisite: DENT 810B.

DENT 860B. Professionalism, Mission, and Personal Development IV. 3.5 Units.

Continues DENT 860A. Prerequisite: DENT 860A.

DENT 870A. Patient-Centered Care IV. 15 Units.

Clinical application of dentistry principles. Opportunities to gain experience in cases treated by the general dentist, including attendant diagnostic procedures, planning and treatment sequencing, disease-control procedures, and appropriate post-procedure care. Prerequisite: DENT 820B.

DENT 870B. Patient-Centered Care IV. 15 Units.

Continues DENT 870A. Prerequisite: DENT 870A.

DENT 880. Biomedical Sciences and Oral Ecosystems IV. 2 Units.

Continues DENT 830B. Focuses on relating body systems and environment with dentistry practice. Differential diagnosis and initial management of oral disease, utilizing clinical case studies. Epidemiology, detection, diagnosis, and maxillofacial cancer management. Principles of cancer therapy by surgical modalities. Includes discussion of cancer prevention and post-therapy reconstruction. Reviews tobacco cessation protocols. Prerequisite: DENT 830B.