

DMD - DENTAL MEDICINE

DMD 640 Professional Development 1 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 5195.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 641 Foundations of Biomedical Sciences (6 Credit Hours)

This course presents an integration of embryology, histology, cellular and molecular biology, microbiology, and immunology required to build a strong foundation for future biomedical systems-based courses. Emphasis will be placed on the clinical application of basic biomedical sciences. A thorough understanding of these topics is important as a foundation for clinical decision-making and patient care.

Equivalent to DMD 5101.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 642 Clinical Dentistry 1 (10 Credit Hours)

This course is the first in a series of Clinical Dentistry courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the biological and clinical sciences related to operative dentistry. The fundamental concepts covered include terminology, instruments, dental materials, rubber dam isolation, and cavity preparation and restoration for amalgam and resin composite. This course also covers cariology and preventive therapies. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete cavity preparations and restorations on prefabricated teeth.

Equivalent to DMD 5141.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 643 Foundations of Patient Care 1 (8 Credit Hours)

This course is the first in a series of courses designed to present the foundational elements needed for quality patient care. This course serves as an introduction to the patient care clinic and the fundamentals of the comprehensive dental examination. Students will be introduced to dental terminology, dental materials, infection and hazard control practices, oral health and nutrition, basic head and neck anatomy, normal oral anatomy, and the periodontium. Students will learn how to conduct an oral cancer screening and comprehensive dental examination, measure and record vital signs, take accurate medical and oral histories, complete special dental care needs and caries risk assessments, and acquire intraoral photos. The fundamentals of oral radiology physics, biology, and safety will be presented. Throughout the course, students will apply learned principles and techniques in the Oral Health Center Clinic during peer-to-peer clinical skills activities. The student will also be introduced to the electronic health record clinic management system, axiUm.

Equivalent to DMD 5155.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 644 Principles of Epidemiology (2 Credit Hours)

This is an introductory level course designed to introduce students to the basic principles of epidemiology as they apply to dental public health and dental practice. Content includes a historical perspective on epidemiology, data measurement, study designs, bias, surveillance, and screening for disease. Emphasis will be placed on critical review of epidemiological data and public health studies.

Equivalent to DMD 5170.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 645 Introduction to Dental Sciences (6 Credit Hours)

This course is the study of the form and function of the human primary and permanent dentitions including, but not limited to, the nomenclature, development, structural, and morphological differences of each tooth. This course aims to introduce the dental student to the basic concepts of dental anatomy, dental occlusion, and supporting structures. In addition, the course will introduce the application of the principles of dental anatomy and morphology to clinical practice. In the Simulation Clinic, students will develop psychomotor skills to proficiently reproduce tooth contours and anatomy in wax.

Equivalent to DMD 5165.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 670 Professional Development 2 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 5295.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 671 Biomedical Systems 1 (6 Credit Hours)

This course presents an integration of anatomy, physiology, pathophysiology, infectious disease, and pharmacology for the nervous system within the context of the clinical application of basic biomedical sciences. In addition, students will learn about anatomical structures, normal function, and clinical features of the head and neck and their relationship to clinical dentistry. Through laboratory dissection of head and neck structures, didactic lectures, radiology, and discussions, students will gain a working knowledge of anatomical terms and clinical relevancy. The clinical considerations and impact of the nervous system on dental treatment will be discussed through the Dentally Relevant Integrated Learning Series (DRILS) incorporated within this course.

Equivalent to DMD 5201.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 672 Clinical Dentistry 2 (10 Credit Hours)

This course is the second in a series of Clinical Dentistry courses designed to prepare dental students for the clinical skills needed in patient care. Students will build upon the knowledge and skills gained in Clinical Dentistry 1, continuing their study of operative dentistry. The fundamental concepts covered include terminology, instruments, dental materials, and cavity preparation and restoration for resin composite, glass ionomer, and complex amalgam. This course also covers caries detection and diagnosis, caries risk assessment, caries management, occlusal adjustment, provisional restorations, and pulp protection. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete cavity preparations and restorations on prefabricated teeth and caries removal on a natural tooth.

Equivalent to DMD 5241.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 673 Foundations of Patient Care 2 (12 Credit Hours)

This course is the second in a series of courses designed to present the foundational elements needed for quality patient care. This course builds on the introduction to the fundamentals of the comprehensive dental examination learned in the Foundations of Patient Care 1 course. Students will learn safe and effective use of radiation for diagnostic imaging and radiographic interpretation. In addition, students will learn about abnormalities of orofacial structures, infectious diseases, reactive and benign oral pathology, and basic oral histopathology. Finally, the course will also cover diagnosis and treatment considerations for various gingival and periodontal diseases, foundations of endodontics, and principles of evidence-based dentistry. Throughout the course, students will apply learned principles and techniques in the Oral Health Center Clinic during clinical skills activities on peers or manikins.

Equivalent to DMD 5265.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 674 Principles of Public Health (2 Credit Hours)

This course is designed to introduce the first-year dental student to the foundations of public health. Topics include population health, social and behavioral health, health equity, and cultural competency. Students are asked to use current literature to support topics on vulnerable populations.

Equivalent to DMD 5285.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 710 Professional Development 3 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 6195.

Academic Level: Graduate

DMD 711 Biomedical Systems 2 (3 Credit Hours)

This course presents an integration of physiology, pathophysiology, and pharmacology for the renal and endocrine systems within the context of the clinical application of basic biomedical sciences. The clinical considerations and impact of renal and endocrine disorders on dental treatment will be discussed through the Dentally Relevant Integrated Learning Series (DRILS) incorporated within this course.

Equivalent to DMD 6101.

Academic Level: Graduate

DMD 712 Clinical Dentistry 3 (12 Credit Hours)

This course is the third in a series of Clinical Dentistry courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the basic principles of Endodontics and is designed to prepare students to recognize, assess, diagnose, and treat diseases and injuries of the dental pulp and periapical tissues within the scope of the general practice of dental medicine. The course includes, but is not limited to, the anatomy, physiology, pathology, and treatment of the dental complex and periapical tissues. Patient simulation exercises are designed to prepare the dental student to apply learned principles associated with patient assessment, radiographic assessment, diagnosis of pulpal and periapical diseases, case difficulty assessment, treatment planning, and treatment of diseases of the dental pulp and periapical tissues. Throughout the course, students will apply knowledge about instrumentation, materials, and techniques as they prepare and fill the root canals on prefabricated teeth.

Equivalent to DMD 6160.

Academic Level: Graduate

DMD 713 Foundations of Patient Care 3 (12 Credit Hours)

This course is the third in a series of foundational courses designed to prepare dental students for quality patient care. This course aims to provide students with the foundational knowledge needed to create systematic, practical, and effective treatment plans for pediatric and adult patients. Through simulated patient cases, students will learn how to dissect a social, medical, and dental history, communicate effectively with physicians in the co-management of patients with special health care needs, and deliver patient-centered treatment plans. Students will also develop a research proposal and practice critical analyses of dental literature to discover firsthand the strengths and limitations of evidence-based dentistry. Finally, this course will incorporate the fundamentals of local anesthesia, nitrous oxide administration, and medical emergencies in the dental office. Throughout the course, students will apply learned principles and techniques in the Oral Health Center Clinic during peer-to-peer clinical skills activities.

Equivalent to DMD 6165.

Academic Level: Graduate

DMD 715 Prosthodontics 1 (8 Credit Hours)

This course is the first in a series of Prosthodontics courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the basic principles of Removable Partial Denture (RPD) diagnosis, treatment planning, RPD components, classifications, biomechanics, design, fabrication, delivery, and maintenance. Advanced RPD Concepts, interim RPDs, survey crowns, and flexible base RPDs are also discussed. Throughout the course, students will apply learned principles and techniques in the Simulation Clinic and will demonstrate the ability to prepare rest preparations, make necessary tooth modifications, survey a master cast, and draw a final RPD design.

Equivalent to DMD 6100.

Academic Level: Graduate

DMD 719 Patient Care 1 (4 Credit Hours)

This course is an introduction to direct clinical patient care with emphasis on ethics and professionalism, patient screening examinations, the diagnostic process, treatment planning, and clinical treatment for second-year dental students. One of the main components of this course is vertical integration of second- and fourth-year dental students. Throughout the course, second-year dental students will continue to gain clinical knowledge under direct supervision from Group Practice Leader(s), through discussions, and during collaborative patient care with an upperclassman. All facets of general dentistry will be observed and/or practiced by the students under proper supervision.

Equivalent to DMD 6296.

Academic Level: Graduate

DMD 740 Professional Development 4 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 6295.

Academic Level: Graduate

DMD 741 Biomedical Systems 3 (4 Credit Hours)

This course presents an integration of physiology, pathophysiology, infectious disease, and pharmacology for the cardiovascular, respiratory, integumentary, and reproductive systems within the context of the clinical application of basic biomedical sciences. Clinical considerations and the impact of systems content on dental treatment will be discussed through the Dentally Relevant Integrated Learning Series (DRILS) incorporated within this course.

Equivalent to DMD 6201.

Academic Level: Graduate

DMD 742 Clinical Dentistry 4 (8 Credit Hours)

This course is the fourth in a series of Clinical Dentistry courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the basic principles of Pediatric Dentistry and is an introduction to all aspects of dentistry for children and adolescents. Emphasis is placed on the role of craniofacial and oral development in relation to children's experience with health and disease. This course will offer both didactic and clinical presentations of the skills necessary to treat this unique dental population. Topics covered in this course will include behavior management, operative techniques in deciduous dentition, craniofacial development and developmental anomalies, treatment planning for children and adolescents, trauma management, pulp therapy, and the clinical management of special needs patients. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete procedures on prefabricated teeth.

Equivalent to DMD 6260.

Academic Level: Graduate

DMD 743 Foundations of Patient Care 4 (7 Credit Hours)

This course is the last in a series of foundational courses designed to prepare dental students for quality patient care. This course contains two modules: (1) Oral Pathology and Oral Medicine and (2) Oral and Maxillofacial Surgery. In the Oral Pathology and Oral Medicine Module, students will learn to diagnose and manage diseases and conditions of the oral mucosa and maxillofacial region. They will also study the dental management of medically compromised patients. In the Oral and Maxillofacial Surgery Module, students will learn the principles of dentoalveolar surgery for the extraction of erupted, unerupted, or impacted teeth. They will also study basic preprosthetic surgery, biopsy techniques, temporomandibular joint procedures, assessment and treatment of maxillofacial infections, management of simple oral trauma, and dental implantology. Advanced surgical techniques will also be presented.

Equivalent to DMD 6265.

Academic Level: Graduate

DMD 745 Prosthodontics 2 (8 Credit Hours)

This course is the second in a series of Prosthodontics courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the basic principles of Fixed Prosthodontics. Students will learn the theory, principles, and techniques for the preparation, fabrication, and delivery of various types of fixed indirect restorations. Lectures and readings will cover terminology, dental materials, treatment planning, principles of tooth preparation, impression techniques, tissue management, laboratory communications, fabrication steps, dental laboratory technology, and cementation. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete preparations on prefabricated teeth and fabricate provisional fixed prostheses.

Equivalent to DMD 6200.

Academic Level: Graduate

DMD 749 Patient Care 2 (4 Credit Hours)

This course is an introduction to direct clinical patient care with emphasis on ethics and professionalism, patient screening examinations, the diagnostic process, treatment planning, and clinical treatment for second-year dental students. One of the main components of this course is vertical integration of second- and fourth-year dental students. Throughout the course, second-year dental students will continue to gain clinical knowledge under direct supervision from Group Practice Leader(s), through discussions, and during collaborative patient care with an upperclassman. All facets of general dentistry will be observed and/or practiced by the students under proper supervision.

Equivalent to DMD 6285.

Academic Level: Graduate

DMD 770 Professional Development 5 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 6395.

Academic Level: Graduate

DMD 771 Biomedical Systems 4 (2 Credit Hours)

This course presents an integration of anatomy, physiology, pathophysiology, infectious disease, and pharmacology for the hematologic, digestive, and musculoskeletal systems within the context of the clinical application of basic biomedical sciences. In addition, students will learn to prescribe the most common medications prescribed by dentists and review cancer chemotherapeutic agents. Clinical considerations and the impact of systems content on dental treatment will be discussed through the Dentally Relevant Integrated Learning Series (DRILS) incorporated within this course.

Equivalent to DMD 6302.

Academic Level: Graduate

DMD 772 Clinical Dentistry 5 (8 Credit Hours)

This course is the fifth in a series of Clinical Dentistry courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to advanced concepts, materials, and techniques in digital dentistry, endodontics, esthetic dentistry, implant dentistry, occlusion, operative dentistry, periodontics, prosthodontics, radiographic imaging, and surgical procedures. Through interdisciplinary learning, hands-on exercises, and treatment planning seminars, this course serves as a bridge between pre-clinical and clinical learning and emphasizes the importance of a team approach with other specialties for comprehensive patient care. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete procedures on prefabricated teeth.

Equivalent to DMD 6340.

Academic Level: Graduate

DMD 774 Social and Behavioral Health (4 Credit Hours)

The intent of this course is to explore the particular issues encountered by unique patient populations in order to increase awareness, understanding, sensitivity, and respect when working with medically, socially, and culturally diverse patients, with the ultimate goal of creating a foundation to enhance the processes and outcomes of clinical dental encounters. This course is designed to develop student competency in the domains of cultural diversity, behavioral science, mental health, ethics, and interprofessional communication and collaboration.

Equivalent to DMD 6375.

Academic Level: Graduate

DMD 775 Prosthodontics 3 (8 Credit Hours)

This course is the third in a series of Prosthodontics courses designed to prepare dental students for the clinical skills needed in patient care. The course aims to introduce the dental student to the basic principles of Complete Dentures and treatment of the edentulous patient. Students will learn the characteristics of the edentulous population, epidemiological data on edentulism, clinical presentation of edentulous patients, and the sequential clinical and laboratory procedures required in the treatment of a complete denture patient. Throughout the course, students will apply learned principles and techniques and demonstrate the ability to complete simulated clinical and laboratory procedures, including a complete denture full tooth setup.

Equivalent to DMD 6300.

Academic Level: Graduate

DMD 778 Advanced Standing Essentials of Clinical Dentistry (12 Credit Hours)

This course is the primary course of the preparatory semester for the Advanced Standing Track (AST) student and is designed to ensure students from international backgrounds meet the knowledge and technical skill levels of the College of Dental Medicine's third-year dental students. This course includes aspects of courses from the first two years of the Doctor of Dental Medicine (DMD) curriculum. Successful completion of this course is required and will enable AST students to merge into the DMD third-year curriculum the following semester.

Equivalent to DMD 6400.

Academic Level: Graduate

DMD 779 Patient Care 3 (16 Credit Hours)

This course is an introduction to direct clinical patient care with emphasis on ethics and professionalism, patient screening examinations, the diagnostic process, patient recare, treatment planning, and clinical treatment for second-year dental students. Throughout the course, second-year dental students will continue to gain clinical knowledge under direct supervision from Group Practice Leader(s), through discussions, during collaborative patient care with an upperclassman, and during assigned recare and patient screening assessment rotations. All facets of general dentistry will be observed and/or practiced by the students under proper supervision.

Equivalent to DMD 6389.

Academic Level: Graduate

DMD 800 Oral Radiology Elective Seminar (2 Credit Hours)

The Oral Radiology Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in oral radiology.

Equivalent to DMD 7250, DMD 7350.

Academic Level: Graduate

DMD 801 Endodontics Elective Seminar (2 Credit Hours)

The Endodontics Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in the dental specialty of endodontics.

Equivalent to DMD 7251, DMD 7351.

Academic Level: Graduate

DMD 802 Restorative Dentistry Elective Seminar (2 Credit Hours)

The Restorative Dentistry Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in restorative dentistry.

Academic Level: Graduate

DMD 803 Oral Pathology and Oral Medicine Elective Seminar (2 Credit Hours)

The Oral Pathology and Oral Medicine Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in oral pathology and oral medicine.

Equivalent to DMD 7252, DMD 7352.

Academic Level: Graduate

DMD 804 Public Health Elective Seminar (2 Credit Hours)

The Public Health Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in dental public health.

Equivalent to DMD 7257.

Academic Level: Graduate

DMD 805 Prosthodontics Elective Seminar (2 Credit Hours)

The Prosthodontics Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in the dental specialty of prosthodontics.

Equivalent to DMD 7255, DMD 7355.

Academic Level: Graduate

DMD 806 Orthodontics Elective Seminar (2 Credit Hours)

The Orthodontics Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in the dental specialty of orthodontics.

Equivalent to DMD 7258.

Academic Level: Graduate

DMD 807 Periodontics and Oral Surgery Elective Seminar (2 Credit Hours)

The Periodontics and Oral Surgery Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in periodontics and oral and maxillofacial surgery.

Equivalent to DMD 7254, DMD 7354.

Academic Level: Graduate

DMD 808 Pediatric Dentistry Elective Seminar (2 Credit Hours)

The Pediatric Dentistry Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in pediatric dentistry.

Equivalent to DMD 7253, DMD 7353.

Academic Level: Graduate

DMD 809 Elective Seminar: Other Topics (2 Credit Hours)

Elective Seminar: Other Topics is a seminar-based elective course for third-year (D3) DMD students interested in exploring advanced concepts in select areas of dentistry.

Equivalent to DMD 7256, DMD 7356.

Academic Level: Graduate

DMD 810 Professional Development 6 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 7110.

Academic Level: Graduate

DMD 816 Orthodontics (3 Credit Hours)

This course is an introduction to orthodontic diagnosis and treatment planning. This includes identifying malocclusions, common options for orthodontic treatment, the standard appliances used in orthodontic treatment, integrating orthodontics into a comprehensive treatment plan, and the risks associated with orthodontic treatment. Students will also develop their hand skills by bending standard orthodontic wires.

Equivalent to DMD 7125.

Academic Level: Graduate

DMD 819 Patient Care 4 (36 Credit Hours)

This course is a continuation of the patient care series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills at the Oral Health Center. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in a variety of rotations, such as: Biomedical Science Integration Seminars, Medical Emergencies Simulation, Patient Screening Assessments, Peer-to-Peer TMD Examination, Radiographic Case Interpretation, and Urgent Care Walk-in Emergency Clinic and Seminar. Group Practice Treatment Planning sessions are held weekly. Students will complete advanced simulation activities in the Simulation Clinic Component of the course.

Equivalent to DMD 7130.

Academic Level: Graduate

DMD 840 Professional Development 7 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 7210.

Academic Level: Graduate

DMD 849 Patient Care 5 (36 Credit Hours)

This course is a continuation of the patient care series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills at the Oral Health Center. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in a variety of rotations, such as: Biomedical Science Integration Seminars, Glickman Lauder Center of Excellence in Autism and Developmental Disorders, Osteopathic Medicine-Dental Interprofessional Initiative, Patient Screening Assessments, Radiographic Case Interpretation, and Urgent Care Walk-in Emergency Clinic and Seminar. Group Practice Leader Lecture Series and Group Practice Treatment Planning sessions are held weekly.

Equivalent to DMD 7230.

Academic Level: Graduate

DMD 870 Professional Development 8 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 7310.

Academic Level: Graduate

DMD 879 Patient Care 6 (36 Credit Hours)

This course is a continuation of the patient care series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills at the Oral Health Center. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in a variety of rotations such as: Biomedical Science Integration Seminars, Glickman Lauder Center of Excellence in Autism and Developmental Disorders, Osteopathic Medicine-Dental & Physician Assistant-Dental Interprofessional Initiatives, Patient Screening Assessments, Radiographic Case Interpretation, and Urgent Care Walk-in Emergency Clinic. Group Practice Leader Lecture Series and Group Practice Treatment Planning sessions are held weekly. Students will also complete a Practice Management Module as a part of this course, in which they will learn about setting up, working in, and maintaining various aspects of a dental practice. Emphasis is placed on day-to-day operations; selecting equipment, supplies and software; and maintaining inventory, as well as more general topics such as leadership, dental insurance, establishing fees, financial policies, and continuous quality improvement. The course will also include tips on choosing an associateship or buy-in, risk management, and ethical decision-making, and it will include information on developing a catastrophe management and disaster recovery plan.

Equivalent to DMD 7730.

Academic Level: Graduate

DMD 910 Professional Development 9 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 8110.

Academic Level: Graduate

DMD 919 Patient Care 7 (39 Credit Hours)

This course is a continuation of the patient care series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills in the Oral Health Center and through community-based externship experiences primarily in Maine, New Hampshire, and Vermont and in select locations outside Northern New England. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in Patient Screening Assessments, Urgent Care Walk-in Emergency Clinic, and Urgent Care On-call rotations. Group Practice Treatment Planning sessions are held weekly.

Equivalent to DMD 8100.

Academic Level: Graduate

DMD 940 Professional Development 10 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 8210.

Academic Level: Graduate

DMD 949 Patient Care 8 (39 Credit Hours)

This course is a continuation of the patient care series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills in the Oral Health Center and through community-based externship experiences primarily in Maine, New Hampshire, and Vermont and in select locations outside Northern New England. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in Patient Screening Assessments, Urgent Care Walk-in Emergency Clinic, and Urgent Care On-call rotations. The students also participate in intradisciplinary opportunities with students from the Dental Hygiene program. Group Practice Treatment Planning sessions are held weekly.

Equivalent to DMD 8200.

Academic Level: Graduate

DMD 970 Professional Development 11 (1 Credit Hours)

The goals of the Professional Development course series are to increase student awareness of the concepts of professionalism and the bioethical principles that provide a framework for analysis of the ethical complexities of patient care and the foundation of a professional identity in dental medicine. Throughout the course series, a variety of topics are presented to assist the student with the exploration and acquisition of knowledge, skills, values, and ways of thinking for providing care for a diverse population of patients. Cases and real-world examples will be used to facilitate discussions and illustrate the significance of successful professionalism both during and after dental school. Students are expected to demonstrate professional skills and values in all interactions with peers, CDM faculty and staff, OHC patients, and community members. An important aspect of the course is wellness time to encourage students to focus on mental, physical, and academic wellness, either independently or by accessing the student support services offered by the University.

Equivalent to DMD 8310.

Academic Level: Graduate

DMD 979 Patient Care 9 (39 Credit Hours)

This is the final course in the patient care course series, emphasizing ethics, professionalism, the diagnostic process, treatment planning, and clinical treatment. In this course, students continue to gain clinical knowledge through hands-on patient treatment, further honing their skills in the Oral Health Center and through community-based externship experiences primarily in Maine, New Hampshire, and Vermont and in select locations outside Northern New England. With proper supervision, all facets of general dentistry will be practiced by the students in a vertically-integrated model. In addition to providing comprehensive, patient-centered care, students participate in Urgent Care On-call rotations. The students also participate in intradisciplinary opportunities with students from the Dental Hygiene program. Group Practice Treatment Planning sessions are held weekly.

Equivalent to DMD 8300.

Academic Level: Graduate

DMD 7110 Professional Development 6 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7125 Orthodontics (3 Credit Hours)

Academic Level: Graduate

DMD 7130 Patient Care 4 (36 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients while vertically integrating with their D2 and D4 peers in a comprehensive care group practice setting.

Academic Level: Graduate

DMD 7140 Clinical Dentistry 6 (5 Credit Hours)

This course is a continuation of DMD6340 teaching students the skills needed for clinical patient care. As the dental student transitions to Comprehensive Patient Care this course will address more advanced clinical topics such as implantology, CAD/CAM technology, 3D imaging and other pre-clinical skills.

Academic Level: Graduate

DMD 7150 Found Patient Care 6 (2.5 Credit Hours)

This course continues to support the Clinical Dentistry 6 Course as well as the Comprehensive Patient Care 1 Course by providing time to present and discuss relevant topics addressed. Case based presentations will allow for discussions on clinical care, behavioral management, practice management and other relative topics. Group Practice Leaders and Clinical Dentistry faculty will continue to coordinate relevant presentations.

Academic Level: Graduate

DMD 7160 Comp Patient Care 1 (20 Credit Hours)

With the supervision of their Group Practice Leaders, each dental student will spend the majority of their time this semester in this course providing dental care to their patients. From patient screening, data collection, treatment plan creation and clinical care, students will practice the philosophical, didactic and clinical skills taught to date. Students will also spend time in specialty rotations both on campus and in local clinical settings as well as assisting faculty with more advanced clinical care patient care. Student involvement with their Group Practices will provide the foundational support needed for comprehensive care.

Academic Level: Graduate

DMD 7210 Professional Development 7 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7230 Patient Care 5 (36 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients while vertically integrating with their D2 and D4 peers in a comprehensive care group practice setting.

Academic Level: Graduate

DMD 7240 Clinical Dentistry 7 (4 Credit Hours)

This course is a continuation of DMD6340 teaching students the skills needed for clinical patient care. As the dental student transitions to Comprehensive Patient Care this course will address more advanced clinical topics such as implantology, CAD/CAM technology, 3D imaging and other pre-clinical skills.

Academic Level: Graduate

DMD 7250 Elective: Oral Radiology (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7251 Elective: Endodontics (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7252 Elective: Oral Path/Oral Med (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7254 Elective: Perio & Oral Surgery (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7255 Elective: Prosthodontics (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7258 Elective Seminar: Orthodontics (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7259 Restorative Dentistry Elective Seminar (2 Credit Hours)

The Restorative Dentistry Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in restorative dentistry.

Academic Level: Graduate

DMD 7260 Comp Patient Care 2 (32 Credit Hours)

With the supervision of their Group Practice Leaders, each dental student will spend the majority of their time this semester in this course providing dental care to their patients. From patient screening, data collection, treatment plan creation and clinical care, students will practice the philosophical, didactic and clinical skills taught to date. Students will also spend time in specialty rotations both on campus and in local clinical settings as well as assisting faculty with more advanced clinical care patient care. Comprehensive Care Group Practice meetings continue to support and educate students in all aspects of practice management and clinical care.

Academic Level: Graduate

DMD 7310 Professional Development 8 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7330 Patient Care 6 (36 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients while vertically integrating with their D2 and D4 peers in a comprehensive care group practice setting.

Academic Level: Graduate

DMD 7340 Clinical Dentistry 8 (4 Credit Hours)

This course is a continuation of DMD7240 teaching students the skills needed for clinical patient care. As the dental student transitions to Comprehensive Patient Care this course will address more advanced clinical topics such as implantology, CAD/CAM technology, 3D imaging and other pre-clinical skills.

Academic Level: Graduate

DMD 7352 Elective: Oral Path/Oral Med (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7353 Elective: Pediatric Dentistry (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7354 Elective: Perio & Oral Surgery (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7358 Elective Seminar: Orthodontics (2 Credit Hours)

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 7359 Elective: Restorative Dent (2 Credit Hours)

The Restorative Dentistry Elective Seminar is a seminar-based elective course for third-year (D3) DMD students interested in furthering their knowledge in restorative dentistry.

Academic Level: Graduate

DMD 7360 Comp Patient Care 3 (32 Credit Hours)

With the supervision of their Group Practice Leaders, each dental student will spend the majority of their time this semester in this course providing dental care to their patients. From patient screening, data collection, treatment plan creation and clinical care, students will practice the philosophical, didactic and clinical skills taught to date. Students will also spend time in specialty rotations both on campus and in local clinical settings as well as assisting faculty with more advanced clinical care patient care. Student involvement with their Group Practices will provide the foundational support needed for comprehensive care. Comprehensive Care Group Practice meetings continue to support and educate students in all aspects of practice management and clinical care.

Academic Level: Graduate

DMD 8100 Patient Care 7 (39 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients at either a community-based externship site or on-campus at the UNE Oral Health Center.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8110 Professional Development 9 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8140 Clinical Dentistry 9 (3 Credit Hours)

This course is a continuation of DMD7340 teaching students the skills needed for clinical patient care. As the dental student transitions to Comprehensive Patient Care this course will address more advanced clinical topics such as implantology, CAD/CAM technology, 3D imaging and other pre-clinical skills.

Academic Level: Graduate

DMD 8150 Found of Patient Care 9 (2 Credit Hours)

This course continues to support the Clinical Dentistry 9 Course as well as the Comprehensive Patient Care 4 Course by providing time to present and discuss relevant topics addressed. Case based presentations will allow for discussions on clinical care, behavioral management, practice management and other relative topics. Group Practice Leaders and Clinical Dentistry faculty will continue to coordinate relevant presentations.

Academic Level: Graduate

DMD 8160 Comp Patient Care 4 (16 Credit Hours)

Continuum of DMD7360

Academic Level: Graduate

DMD 8200 Patient Care 8 (39 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients at either a community-based externship site or on-campus at the UNE Oral Health Center.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8210 Professional Development 10 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8260 Comp Patient Care 5

Continuum of DMD8160

Academic Level: Graduate

DMD 8270 Comm Dent & Clinic Serv Learn 3

This course enables the dental student to expand their role as a clinical comprehensive dental care providers and also learn practice management, business and other relative skills in various community clinics, private practices and other approved institutional clinic settings throughout Maine, New Hampshire and Vermont. Group Practice Leaders will continue to provide guidance and oversight of the student's overall CDM education during these rotations. TBD Credit Hours

Academic Level: Graduate

DMD 8280 Senior Elective/Seminar 1

Working with appropriate faculty, the dental student will choose specific dental topics, clinical skills, or other dental applications to expand their clinical and practice management education. Strategies identified that are crucial to a collaborative healthcare team will be addressed as well.

Academic Level: Graduate

DMD 8300 Patient Care 9 (39 Credit Hours)

This course is a continuation of the Patient Care series, enabling students to further develop the techniques and skills necessary for optimal patient care. Students will treat patients at either a community-based externship site or on-campus at the UNE Oral Health Center.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8310 Professional Development 11 (1 Credit Hours)

This is a continuation of the Professional Development seminar series.

Academic Level: Graduate

Enrollment is limited to students with a major in Dental Medicine.

DMD 8360 Comp Patient Care 6

Continuum of DMD8260

Academic Level: Graduate

DMD 8370 Comm Dent & Clinic Serv Learn 4

Academic Level: Graduate

DMD 8380 Senior Elective/Seminar 2

Working with appropriate faculty, the dental student will choose specific dental topics, clinical skills, or other dental applications to expand their clinical and practice management education. Strategies identified that are crucial to a collaborative healthcare team will be addressed as well.

Academic Level: Graduate