Advanced concepts including diagnosis, preparation and restoration of anterior teeth utilizing composite materials.

This summer semester course will introduce students to the Science of Forensic Dentistry, providing a broad overview of its scope but emphasizing forensic dental identification of deceased individuals. Identification procedures, particularly as they pertain to mass casualty situations, will be stressed. Twelve hours of hands-on laboratory participation in mock mass casualty exercises will allow students to utilize the knowledge they have gained and sharpen identification skills. This selective does not require clinic, but does require 12 hours of lab. Class time and location to be announced by course director. Class is limited to 35 D3 students only.

This is a clinical selective course in which D4 students will provide limited (adjunctive) orthodontic treatment to patients as one component of a comprehensive treatment plan. This treatment will be provided in conjunction with a third year orthodontic resident, and under the supervision of an orthodontic department faculty member.

This course is designed for senior dental students who are interested in gaining advanced knowledge of implant dentistry. This course will give students advanced knowledge of implant supported restorations and their application in clinical dentistry. The course will include the evolution of implant dentistry, an interactive case-based session on treatment planning and case analysis, CAD-CAM technologies in implant dentistry, cone beam tomography, 3D treatment planning systems and digitally guided surgeries. Additionally, it will cover advanced implant treatment options (One on Four, Zygomatic Implants, Bioadaptable Implants...etc). The students will also be exposed to a wide variety of implant systems allowing them the chance to compare the most commonly distributed implant systems and their characteristics and applications. It will also include implants in the esthetic zone, implant complications, prevention and troubleshooting and the future direction of implant dentistry.

This spring semester course will provide an opportunity for D-3 students to become more proficient at evaluating and integrating emerging trends in clinical care and identifying factors that differentiate one case from another. Clinical examples of interdisciplinary cases will be presented by post-doctoral residents that highlight a specific discipline (including contributions of other disciplines when appropriate). Both conventional and unconventional treatment methods will be presented.

Advanced information and training in current endodontic topics including some of the state-of-the-art equipment used by endodontists today; discussion of complex diagnostic cases, advanced cleaning and shaping techniques (new rotary instrumentation systems), advanced obturation techniques (warm vertical gutta-percha), notions of the utilization of an endodontic surgical microscope and endodontic retreatment; does not require clinic but does require 2 hours of lab; class time and location announced by course director; participation by invitation only.

This selective does not require clinic. Class time and location to be announced by course director. Class is limited to 10 D4 students only.

The seminar portion of the course provides the students with an opportunity to enhance their skills in the diagnosis and recognition of malocclusion and craniofacial anomalies, and the ramifications of these diagnoses in the development of comprehensive treatment plans. Faculty will provide examples of new cutting edge technologies that are rapidly changing the approach to treatment of orthodontic patients. The externship provides an opportunity to discuss management considerations and other issues involved in the operation of a specialty practice. This selective does not require clinic. Class time and location to be announced by course director. Class is limited to 5 D4 students only.

This summer course introduces the student to the Advanced Education Program in Pediatric Dentistry; the delivery of dental care to medically and mentally compromised children and the delivery of dental care to children under various forms of sedation and general anesthesia. Participation in this selective course is by invitation only. Class is limited to 5 D4 students.

This summer semester course introduces theory and fabrication of ceramo-metal and all-ceramic prosthodontic restorations. This selective does not require clinic, but does require 25 hours of lab. Class time and location to be announced by course director. Participation in this selective is by invitation only and restricted to D4 students.

A clinical (treatment of patient who received dental implants), laboratory, surgical and restorative exercise. Familiarizes students with patient management of dental implants. This selective does require clinic time. Class time and location to be announced by course director. Class is limited to 12 D4 students per semester.

Students attend seminars and fabricate athletic mouth guards for a community athletic team. This selective does not require clinic, but does require 15 hours of lab. The spring and summer course will be held on the 3rd and 6th floors. Class time and location to be announced by course director. Class is limited to 25 D3/D4 students only per semester.
DDDS 043 Tutoring Skills Seminar
Credits 0. 1 Lecture Hour.
This fall semester course will train students nominated by course
directors to become effective peer tutors by developing skills in
instructional technique. Class time and location to be announced by
course director. Class is limited to D3/D4 students only.

DDDS 053 Secrets of Practice Success
Credits 0.
This summer/fall/spring course will teach, strengthen and reinforce
behavioral skills that help dental teams build powerful interpersonal
relationships with their patients, each other, their families and their
communities as well as establish a patient-centered, preventively-
oriented approach to practicing dentistry. This class is offered to D4
students.

DDDS 092 Craniofacial Research
Credits 0. 1 Other Hour.
This course is for research participants in the Short Term Training
Program only. Provides students with an introduction to dental and
craniofacial research and instill recognized values of biomedical research
ethics.

DDDS 098 Dental Public Health
Credits 0.
This summer selective course offers observation of oral health care
services for at least four days in a private dental office. This selective
does not require class participation, is by invitation only and is limited to
50 D4 students.

DDDS 099 Public Health Sciences Community Preceptorship Program
Credits 0. 1 Other Hour.
This summer selective course offers observation and/or provision of
oral health care services for at least four days in private practice, Indian
Health Service, Veterans Administration hospital or other public health
settings. This selective does not require clinic time. Class time and
location to be announced by course director. Class participation is by
invitation only and is limited to 30 D4 students.