

**THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON  
DENTAL BRANCH  
—ELECTIVES—**

**DBEA 1000** (*Summer*) – **Area of Focus** (3.0 cr.)  
**Instructors:** O'Neill, Jesse, Storthz, Simmons  
**Prereq.:** Completion of 1<sup>st</sup> year  
**Description:**

1<sup>st</sup> Year  
**Limits:** 25 minimum  
**Day & Time:** TBA

Section 001 - The Education/Teaching Area of Focus is specifically designed for those dental students who might want to pursue an academic career following their formal DDS and/or specialty training.

Section 002 -The Patient Care Area of Focus is specifically designed to introduce 1st year dental students to patient care in the various undergraduate and graduate clinics of the Dental Branch.

Section 003 - The Research Area of Focus is specifically designed for those dental students who are selected to participate in the Summer Research program or who are participating in a formal research experience.

Section 004 - The Service Area of Focus is designed to students who are interested in broader exposure to effective means of providing service (professional and community) within diverse ethnic, socioeconomic or cultural groups.

**Objectives:** Varies with each Focus Group  
**Method of Instruction:** Varies with each Focus Group  
**Evaluation:** Varies with each Focus Group

**DBEB** (*Fall*) **2201 – Business Basics for the Dental Professional** (0.5 cr.)  
**Instructor:** Welch  
**Prereq.:** None

1<sup>st</sup> & 2<sup>nd</sup> Year  
**Limits:** 84 maximum  
**Day & Time:** TBA

**Description:** The goal of this elective is to offer the beginning dental student the opportunity to learn more about setting priorities in personal and business financial management and planning. The student will be introduced to basics in budgeting, banking & saving, investing and in controlling and managing debt.

**Method of instruction:** Seminar setting, using BlackBoard for some assignments and exercises.  
**Evaluation:** Project completion

**DBEA** (*Summer*) **3208 – Clinical Applications of Lasers in Dentistry** (1.0 cr)  
**Instructor:** Obeidi  
**Prereq.:** None

3<sup>rd</sup> Year  
**Limits:** 25  
**Day & Time:** TTh, 9-12

**Description:** Student will learn the general and common applications of lasers in Dentistry.

**Objectives:** To gain an understanding regarding the use of lasers in the following areas

1. History and physics of lasers, biologic tissue interactions
2. Laser safety and clinical precautions
3. Lasers in diagnostic & imaging, lasers in Restorative dentistry
4. Lasers in Prosthodontics, lasers in Endodontics
5. Lasers in Periodontology, Implants & Oral Surgery
6. Lasers in Pedodontics & Orthodontics
7. Laser Biostimulation therapy (LLLT)
8. Laser future and research

**Method of instruction:** Lecture and laboratory  
**Evaluation:** Multiple choice, short answer and Project completion

**DBEC (Spring) 3409 – Clinical Specialty Clerkship Honors in Periodontics** (1.0 cr.) 3<sup>rd</sup> Year

**Instructor:** Katancik

**Limits:** 2 maximum

**Prereq.:** Instructor approval

**Day & Time:** TBA

**Description:** Students must have completed all third year Periodontic experiences through the fall of the 3<sup>rd</sup> year and have achieved at least an 85% average in all Periodontics courses. Students must be in the top 25% of their class. It is expected that the student would gain experience in prescriptive surgical procedures such as crown lengthening and exposure to more sophisticated soft tissue grafting and esthetic procedures. Students will have the opportunity to plan and treat an implant case in conjunction with a senior resident and the faculty.

**Objectives:** The purpose of this course will be to provide the student with an advanced experience in clinical Periodontics. The general objective will be to integrate the 4<sup>th</sup> year student as much as practical into the postgraduate Periodontics experience in anticipation of application to a postgraduate program in Periodontics.

**Method of instruction:** Clinical

**Evaluation:** Project completion, oral, and faculty evaluation

**DBEB (Fall) 4108 – Forensic Odontology** (0.5 cr.)

4<sup>th</sup> Year

**Instructor:** Delattre

**Limits:** 15 minimum

**Prereq.:** None

**Day & Time:** Th 11:30-12:30; Aug 28-Sep 25, 2008

**Description:** This elective course will introduce the participant to the field of forensic science, focusing on forensic dentistry. Participants will be required to attend a series of five lectures and take a final written exam on the material presented. This elective will include at least 5 hours of practical experience.

**Objectives:**

1. Understand the scope of forensic dentistry
2. Understand the role of forensic pathology, forensic anthropology, forensic photography, and forensic dental radiology
3. Understand human dental identifications, child abuse issues, and bite mark investigations
4. Understand dental jurisprudence and dental record keeping

**Method of instruction:** Lecture

**Evaluation:** Written exam comprised of multiple choice, short answer, and matching questions

**DBEC (Spring) 4122 – Advanced Forensic Odontology** (0.5 cr.)

4<sup>th</sup> Year

**Instructor:** Delattre

**Limits:** 15 maximum

**Prereq.:** Instructor approval, DBEB 4108

**Day & Time:** Th 11:30-12:30; Jan 8-Feb 5, 2009

**Description:**

This elective will provide the dental student with practical experience in the field of forensic odontology. Students must have successfully completed DBEB 4108 Forensic Odontology and have received instructor approval to participate in this advanced elective. Participants will be required to attend a series of five lectures, take part in simulated forensic activities, assist the instructor during at least one forensic odontological evaluation (normally takes 5-6 hrs), and take a final written exam on the material presented.

**Objectives:**

1. Produce a dental graduate with the level of skill and competence in forensic dentistry expected of a general dental practitioner.
2. Produce a dental graduate with the level of skill and competence in forensic dentistry to be an effective participant with local, state, or federal authorities in civil or criminal matters requiring dental expertise.
3. Produce a dental graduate who appreciates his or her responsibility to assist the medical-legal community.
4. Produce a dental graduate who appreciates his or her responsibility to participate in continuing education and research in the field of forensic dentistry.

**Method of instruction:** Lecture and participation

**Evaluation:** Simulated exercises, participation in forensic odontological evaluation, and written exam comprised of multiple choice, short answer, or matching questions.

**DBEC (Spring) 4208 – Teaching Pre-clinical Operative** (2.0 cr.)

4<sup>th</sup> Year

**Instructor:** Tate

**Limits:** 10 maximum

**Prereq.:** All course and clinical work to this point/Approval of Practice Leader

**Day & Time:** TTh, pm

**Description:** Operative Dentistry taught to students by students under faculty supervision.

**Objectives:** To expose fourth year dental students to academic teaching. Strengthen students operative skills and gain an understanding of 1<sup>st</sup> year dental students.

**Method of instruction:** Pre-clinical lab teaching experiences

**Evaluation:** Attendance/Observation

**DBEC (Spring) 4304 – Clinical Specialty Clerkship Honors in Endodontics** (1.0 – 2.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Dorn **Limits:** 2 maximum  
**Prereq.:** Instructor approval **Day & Time:** TBA  
**Description:** Students must be in the upper half of the class. Student need to submit an application to the Department of Endodontics by November 1<sup>st</sup>. Notification of selection will be in early December. Selected students would still need to complete all minimal essential endodontic experiences and all endodontic competencies. Clerkship curriculum:  
 1. Participation in Graduate Endodontics Case Presentation Seminar.  
 2. Participation in Graduate Endodontics Current Endodontic Literature Seminar.  
 3. Assist, as available, in the Graduate Endodontics Clinic  
 4. Treat patients, as available, in the Graduate Endodontics Clinic.  
**Objectives:** Afford selected students the opportunity to gain additional knowledge and clinical experience in Endodontics through more advance patient treatment and attendance at graduate Endodontic Presentation seminars and Literature seminars.  
**Method of instruction:** Clinical  
**Evaluation:** Faculty evaluation and patient care

**DBEC (Spring) 4602 – Temporomandibular Disorders** (1.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Abramovitch **Limits:** 14 maximum  
**Prereq.:** None **Day & Time:** Sa–TBA, 9a-5p  
**Description:** Students will take a history and examine patients with TMJ complaints. They will perform the basics of an initial screening examination—head and neck palpation and evaluation. Each student will write a diagnosis and treatment plan for one patient.  
**Objectives:** To develop a written diagnosis and treatment for patients with TMJ complaints.  
**Method of instruction:** Clinical  
**Evaluation:** Participation and patient report

**DBEB/DBEC (Fall/Spring) 4605 –Clinical Specialty Clerkship Honors in Prosthodontics** (1.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Belles **Limits:** 8 maximum  
**Prereq.:** Instructor approval **Day & Time:** TBA  
**Description:** Students must have completed all third year courses, be in good academic standing, recommended by their 3<sup>rd</sup> year Group Leader and have the approval of their Practice Leader. Students will be exposed to an advanced level of prosthodontic care and will be required to document a patient's complete treatment, resulting in a case presentation to the department faculty, residents and fellow honor students.  
**Objectives:** To help students understand screening, diagnosis, and treatment planning procedures for advanced prosthodontics cases. Assist students with documentation of prosthodontic cases suitable for presentation for continuing education. To introduce students to clinical teaching and stimulate interest for advanced training in prosthodontics.  
**Method of instruction:** Clinical  
**Evaluation:** Faculty evaluation of patient treatment, clinical teaching, and end of course presentation.

**DBEB/DBEC (Fall/Spring) 4706 – Oral and Maxillofacial Surgery Externship** (2.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Demian **Limits:** 2 maximum  
**Prereq.:** Instructor approval, completion of third year including third year oral and maxillofacial surgery requirements. **Day & Time:** TBA  
**Description:** The course will be an intensive block of time (minimum two weeks, preferably one month or longer) in which the student will work in hospital outpatient clinics, take facial trauma call with residents every third night, and get exposure to emergency room and operating room protocol.  
**Objectives:**  
 1. To allow students considering specializing in oral and maxillofacial surgery an opportunity to be exposed to the full scope of the specialty.  
 2. To learn the expectation of OMFS training.  
 3. To gain experience working in a hospital setting.  
 4. To gain experience in outpatient surgery  
 5. To gain insight in evaluating OMFS training programs.  
 6. To allow the faculty to evaluate potential residents for the OMFS training program.  
**Method of Instruction:** Special project  
**Evaluation:** Project completion

**DBEB/DBEC (Fall/Spring) 4711 – Oral and Maxillofacial Surgery Hospital Rotation** (1.5 cr.) 4<sup>th</sup> Year  
**Instructor:** Kennedy **Limits:** 1 student per week  
**Prereq.:** Approval of Practice Leader, completion of 3rd year clinical and didactic OMFS requirements **Day & Time:** M-F, 7 am-5-pm, 1 week, (assigned on a first-come, first-served basis)  
**Description:** This elective will provide the 4th year student with an additional opportunity to perform oral and maxillofacial surgical procedures (with emphasis on uncomplicated exodontia) in a hospital clinic setting under the supervision of Oral and Maxillofacial Surgery staff and residents. The one week clinical rotation at Ben Taub General Hospital is identical to the rotation which is required of 3rd year dental students.  
**Objectives:** To gain additional experience in the evaluation and treatment of the oral and maxillofacial surgery patient, with emphasis on uncomplicated exodontia.  
**Method of Instruction:** Clinical  
**Evaluation:** Oral

**DBEC (Spring) 4712 – Clinical Specialty Clerkship Honors in OMFS** (2.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Suchko **Limits:** 2 maximum  
**Prereq.:** Instructor approval **Day & Time:** TBA  
**Description:** Students must have passed 2801, 3801 with a NBDE Part I score >88 and ranked in first quintile. Selected students will be given the opportunity to (1) perform more complex dentoalveolar surgery procedures, (2) develop skills using a surgical handpiece, and (3) be exposed to parenteral sedation techniques under the supervision of oral surgery attending faculty. All scheduled surgery procedures will require faculty approval and will require the participant to have another dental student assistant.  
**Objectives:** The course is intended to allow dental students interested in the specialty of oral and maxillofacial surgery to gain clinical experience performing more complex dentoalveolar surgery to include third molars. Additionally, the student will learn to start IV lines and administer parenteral anesthetics under the supervision of the attending oral surgery faculty.  
**Method of instruction:** Clinical  
**Evaluation:** Clinical Performance

**DBEC (Spring) 4801 – Clinical Specialty Clerkship Honors in Orthodontics** (1.0 – 2.0 cr.) 4<sup>th</sup> Year  
**Instructor:** English **Limits:** 4 maximum  
**Prereq.:** Instructor approval **Day & Time:** TBA  
**Description:** Students who have demonstrated exceptional academic and Clinical performance with an interest in Orthodontics as a specialty and have the approval of their Practice Leader will be provided advanced training in orthodontic diagnosis and treatment prior to beginning a residency program in orthodontics.  
**Objectives:** During February through May, selected students will have the opportunity to participate in performing orthodontic diagnosis, treatment planning and more complex treatment on orthodontic cases under the supervision of attending orthodontic faculty. The course is intended to expose the student to sound principles of diagnosis, patient management and clinical judgment. Students are also expected to attend all seminars, meetings and clinic during 1-2 half-day sessions each week.  
**Method of instruction:** Clinical  
**Evaluation:** Oral inquiry

**DBEC (Spring) 4901 – Advanced Cardiac Life Support** (1.0 cr.) 4<sup>th</sup> Year  
**Instructor:** Pate, McMahon, Johnson **Limits:** 1 minimum-10 maximum  
**Prereq.:** Instructor approval **Day & Time:** One time only—dates to be arranged  
(Th, F - 1-5, Sa - 8-5)

**Description:** Students will receive training in the diagnosis and treatment of cardiac emergencies. This includes textbook assignments and lectures on background material, as well as hands-on practice of the techniques on life-like manikins and simulators. This is an intensive program ending with both written and practical evaluation. Students achieving at least 84% on written tests and passing marks on performance tests are recognized by the American Heart Association as ACLS Providers.

**Objectives:** Objectives of the ACLS program include:

1. Performing rapid, accurate diagnosis of cardiac emergencies.
2. Performing proper treatment of cardiac emergencies including:
  - a. basic life support,
  - b. use of adjunctive equipment for ventilation and circulation,
  - c. monitoring and dysrhythmia recognition,
  - d. starting and maintaining an IV, and
  - e. employing drug and electrical therapies.

**Method of Instruction:** Lecture, laboratory

**Evaluation:** Skills testing, oral, multiple choice

**DBEB/DBEC (Fall/Spring) 5001 – Table Clinic** (0.5-2.0 cr.) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** TBA **Limits:** None  
**Prereq.:** None **Day & Time:** TBA  
**Description:** TBA  
**Objectives:** TBA  
**Method of Instruction:** Table clinic  
**Evaluation:** TBA

**DBEB/DBEC (Fall/Spring) 5002 – Thesis, Literature Review** (0.5-2.0 cr.) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** TBA **Limits:** None  
**Prereq.:** None **Day & Time:** TBA  
**Description:** TBA  
**Objectives:** TBA  
**Method of Instruction:** Thesis  
**Evaluation:** Project completion Term paper

**DBEB/DBEC (Fall/Spring) 5003 – Investigative Research** (0.5-2.0 cr.) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** TBA **Limits:** None  
**Prereq.:** None **Day & Time:** TBA  
**Description:** TBA  
**Objectives:** TBA  
**Method of Instruction:** Research  
**Evaluation:** Project completion

**DBEB/DBEC (Fall/Spring) 5004 – Special Projects** (0.5-2.0 cr.) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** TBA **Limits:** None  
**Prereq.:** None **Day & Time:** TBA  
**Description:** TBA  
**Objectives:** TBA  
**Method of Instruction:** Special project  
**Evaluation:** Project completion

**DBEB/DBEC/DBEA (Fall/Spring/Summer) 5201 – Safety Net Dental Clinic** (1.0 cr.) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years

**Instructor:** Simmons

**Limits:** 16/session

**Prereq.:** Instructor Approval

**Day & Time:** Sat. (one per month), 8:00 a.m.-1:00 p.m.

**Description:** This elective will allow dental students to provide basic dental care for underserved children. Services provided at the clinic will consist of oral hygiene education, dental prophylaxis, simple extractions, simple restorations, and minor emergency treatment. The elective is open to all dental students, but only 3<sup>rd</sup> and 4<sup>th</sup> year students will be allowed to provide treatment that requires local anesthesia. All treatment will be supervised by a Dental Branch faculty member.

**Objectives:**

1. Provide basic oral health education and prevention for underserved children who are clients of San Jose Health Clinic
2. Provide simple emergency dental care for children clients of San Jose Health Clinic
3. Provide basic pediatric dental care
4. Provide dental students with experience establishing and operating a Safety Net Dental Clinic

**Method of Instruction:** Hands-on participation

**Evaluation:** Project completion

**DBEB/DBEC (Fall/Spring) 5901 – Instructor CPR** (1.0 cr.)

1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years

**Instructor:** Pate

**Limits:** None

**Prereq.:** None

**Day & Time:** TBA

**Description:** This elective consists of lectures on background material relevant to teaching CPR as well as manikin skills mastery. Students must be able to demonstrate their CPR skills on a manikin, demonstrate their teaching skills by presenting a lecture, and demonstrate their knowledge on a written exam (84% or better). Students who meet these criteria are recognized by the American Heart Association as Basic Life Support Instructors.

**Objectives:** The students will demonstrate their knowledge of and ability to teach:

1. One rescuer adult CPR
2. Child and infant CPR
3. Two rescuer CPR
4. Airway obstruction maneuvers
5. The use of a pocket mask

**Method of Instruction:** Lecture, laboratory

**Evaluation:** Performance tests, oral, multiple choice

**DBEB/DBEC (Fall/Spring) 5902 – Anatomical Model Construction** (0.5-2.0 cr.)

1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years

**Instructor:** Warner, Crabtree

**Limits:** None

**Prereq.:** Instructor approval

**Day & Time:** TBA

**Description:** Students learn the anatomy of regions important to dentistry by recreating them in three dimensions, using waxes, acrylic, clay, wires and similar media to represent muscles, nerves, TMJ, etc., possibly using a skull as a framework. Suitable subjects include the oral cavity, muscles of mastication and the distribution of the trigeminal nerve as well as other areas of interest to the student. This exercise makes the anatomy studied almost unforgettable.

**Objectives:**

- To review anatomy of skull and soft tissue of dental relevance.
- To create a model suitable for use in practice of dentistry, as a reference.

**Method of Instruction:** Laboratory

**Evaluation:** Project completion

**DBEC (Spring) 6201 – Color and Appearance: Theory and Practice** (1.cr.)

2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years

**Instructor:** Paravina

**Limits:** 4 minimum

**Prereq.:** Instructor approval

**Day & Time:** W, 12-1

**Description:** Students will learn some appearance attributes such as gloss, surface roughness, transparency, translucency, opalescence, fluorescence, and phosphorescence. Color corrections of restorative materials and tooth bleaching will be covered as well. In addition, the student will learn about clinical shade matching and participate in a color training program using custom designed software.

**Objectives:** To learn about color and its application in dentistry.

**Method of Instruction:** Lecture, exercises

**Evaluation:** Attendance and completion of the class assignment

**DBEC (Spring) 6401 – Spanish Language for the Dental Practice** (1.cr.) DH, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** Anderson **Limits:** 3 minimum, 25 maximum  
**Prereq.:** None **Day & Time:** TBA  
**Description:** Students will learn basic vocabulary and phrases in diagnosing and treating Spanish-speaking patients. Student will purchase and use a small book entitled, *Vamos al dentista* (Let's go to the dentist). In seminar, each student will participate in reading and speaking simple phrases and dental terminology used in the dental practice. Role-playing may be used to practice in Spanish those everyday situations which arise in the dental office. Upon completion of this course, the student will be able to better communicate in the dental practice with those who speak only Spanish.  
**Objectives:**  
 1. Demonstrate basic Spanish pronunciation and grammar  
 2. Know and use general dental office terms.  
 3. Refer to and use expressions for specific dental disciplines and for dental appointments.  
**Method of Instruction:** Seminar  
**Evaluation:** Oral, written homework, attend at least 70% of sessions

**DBEC (Spring) 6901 – Clinical Head and Neck Anatomy** (1.5 cr.) 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** Warner, Crabtree **Limits:** 5 minimum  
**Prereq.:** None **Day & Time:** F, 12-1  
**Description:** Lectures and demonstrations are used to first review the basic anatomy that is related to dentistry. Clinicians then discuss the anatomy involved in their areas of special interest. The graduates of this course should be comfortable with the anatomical aspects of general dentistry and should have considerable insight into specialized areas of dentistry from the anatomical point of view.  
**Objectives:** To review basic anatomy related to dentistry. To discuss all anatomical considerations in each aspect of dentistry.  
**Method of Instruction:** Lecture, demonstration  
**Evaluation:** Quizzes, short answer, and participation

**DBEC (Spring) 6904 – Hypertensive Patient** (0.5 cr.) 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> Year  
**Instructor:** McMahon **Limits:** None  
**Prereq.:** DENT 1541 **Day & Time:** TBA  
**Description:** This elective is intended to enhance the student's understanding of the significance of high blood pressure and the clinical and personal means of controlling it. Information on all major aspects (outlined in the objectives) is presented and the student is given take-home tests (which must be turned in) to reinforce the basic concepts. At the end of the course, the student must write a paper (essay exam) outlining a personal plan to identify, refer and to manage hypertensive patients in a dental practice.  
**Objectives:**  
 1. Review the determinants of blood pressure and the mechanisms of control  
 2. Review the technique of indirect measurement of blood pressure.  
 3. Review current theories of causes of hypertension.  
 4. Outline risk factors associated with hypertension.  
 5. Provide guidelines for screening and referral of patients.  
 6. Review equipment available for measuring blood pressure.  
 7. Review educational materials for hypertension, which have been developed for patients and for staff.  
 8. Provide take-home review tests on each major topic within "hypertension."  
**Method of Instruction:** Seminar/module  
**Evaluation:** Essay, short answer

**DBEB/DBEC (Fall/Spring) 7205 – Dental Practice Monitor** (1.0 cr.) 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** Bentley **Limits:** none  
**Prereq.:** **Day & Time:** 4<sup>th</sup> year, Mon. 11:30 – 12:00  
 3<sup>rd</sup> year, Thurs. 12:00 – 1:00

**Description:** Students will be provided with real practice monitoring sheets used in private practice. EPR information necessary to complete the monitor will be identified and explained, and examples of private practice use will be given. Weekly lunch meetings will be provided to discuss use of the monitors and to initially explain the process.

**Objectives:** To track progress of production/collection over time. Be able to set attainable production and collection goals. Track, monitor and evaluate treatment plan acceptance. Identify and correct weaknesses discovered by monitoring. Stimulate the practitioner to continue monitoring during private practice in the future.

**Method of Instruction:** Clinical/Discussion Groups  
**Evaluation:** Term paper

**DBEB/DBEC (Fall/Spring) 7701 – Traumatic Injuries** (0.5 cr.) 3<sup>rd</sup>, 4<sup>th</sup> Years  
**Instructor:** Suchko, Johnson **Limits:** 15 maximum  
**Prereq.:** DENS 2801 **Day & Time:** Weekend (one 24-hour period).  
 Assignments will be made by the instructor.

**Description:** The student will be on call with the oral and maxillofacial surgery resident at Ben Taub Hospital over a 24-hour period. During that time period, all patients with traumatic injuries to the head and neck region will be seen for diagnosis and treatment of their problems. After the completion of the 24-hour period, the student submits a written report describing the diagnosis and treatment of all patients.

**Objectives:** To learn more about patients with traumatic injuries of the head and neck, and to observe, and assist in the diagnosis and treatment of such patients.

**Method of Instruction:** Clinical  
**Evaluation:** Term paper

**DBEB/DBEC 7706 – Advanced Education in General Dentistry (AEGD)** 3<sup>rd</sup>, 4<sup>th</sup> Year  
 (Fall/Spring) **Mini-Residency** (1.5 cr.)

**Instructor:** Kiat-Amnuay **Limits:** 20 maximum  
**Prereq.:** Instructor approval, satisfactory didactic/clinical progress. **Day & Time:** TBA

**Description:** Students will sign up for one full week (Monday-Friday) with the Advanced Education in General Dentistry (AEGD) Residency Program. Activities will include:

1. Observe and assist AEGD residents in clinical patient care activities.
2. Attend all seminars and conferences.
3. Treat dental emergency patients presenting to AEGD dental clinic under direct faculty supervision.

**Evaluation:** Pass/Fail upon completion

**DBEC (Spring) 9102\* – Dental Specialties & Advanced General Dentistry Programs** (1.0 cr.) 2<sup>nd</sup>, 3<sup>rd</sup> Year  
 \*(offered alternate, odd numbered years: Spring '11, '13, '15 etc.)

**Instructor:** Pierpont **Limits:** 20 minimum-no Limits  
**Prereq.:** Instructor approval **Day & Time:** Tu, 12-1

**Description:** Opportunities in accredited and non-accredited advanced dental education and research programs will be explored. Dental generalists and specialists from the school and private community will speak on each dental specialty and advanced general dentistry program in a one-hour seminar format. Included will be all ADA-accredited programs plus other non-accredited opportunities in areas such as esthetic dentistry, TM disorders, oral biomaterials, and implant dentistry. Students will also learn how to build and submit an application, how to approach interviews, and how the selection and matching process works.

**Objectives:**

1. To educate students on what postdoctoral dental education and research opportunities exist and requirements for entrance into such programs.
2. To educate students on the professional opportunities and activities of each accredited dental specialty and advanced general dentistry graduate.
3. To educate students on the application, interview, and selection processes for advanced dental education programs.

**Method of Instruction:** Seminar  
**Evaluation:** Attendance and submission of speaker critique forms