ORTHODONTICS 183 Fundamentals of Clear Aligner Orthodontic Treatment (1 Units) Fall
Instructor(s): Snehlata Oberoi
Prerequisite(s): None

Restrictions: Students enrolled in the D3, D4, IDP3, and IDP4 programs

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course introduces the fundamentals of orthodontic clear aligner treatment to the predoctoral dental student. Clear aligner software will be presented and its applications to treatment planning and various non-complex orthodontic malocclusions. The types of cases that can and cannot be treated with clear aligners will be described.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No

ORTHODONTICS 184 Clinical Management of Clear Aligner Treatment (0.5 Units) Fall, Winter, Spring, Summer
Instructor(s): Snehlata Oberoi
Prerequisite(s): The student has to have passed ORTHODONT 183

Restrictions: Students enrolled and in good standing D3, D4, IDP3 and IDP4

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This clinical course provides experience in treating orthodontic patients, who have a dental malocclusion, with the Invisalign appliance.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No

ORTHODONTICS 189 Adv Orthodontics in Gen Practice (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Snehlata Oberoi
Prerequisite(s): Second, third and fourth year standing in the dental school or a student in the international dental student program.

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

Second, third, and fourth-year dental students as well as international dental students will work closely with second- and third-year orthodontic residents in the clinical management of patients requiring comprehensive orthodontic treatment delivered by the orthodontic specialist.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No

ORTHODONTICS 440 Orientation to Clinical Orthodontics (1 Units) Summer
Instructor(s): Christine Hong
Prerequisite(s): Enrolled in orthodontic postgraduate course

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

This course introduces basic concepts in orthodontics beginning with skeletal and dental classifications of malocclusions, and then use of cephalometric, dental cast models, and facial pictures to evaluate the symmetry and proportions of the face.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? Yes

Is this an Interprofessional Education (IPE) course? Yes
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
ORTHODONT 441 Introduction to Orthodontic Techniques (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Christine Hong
Prerequisite(s): None.

Restrictions: Enrollment in postgraduate professional program in School of Dentistry

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

The theory of removable orthodontic appliances, primarily of the Hawley type, will be taught and demonstrated. The design of various appliances and the fabrication of a typical retainer will be demonstrated.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? Yes
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? Yes
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? Yes

ORTHODONT 442 Introduction to Diagnosis and Treatment Planning (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Mona N Bajestan
Prerequisite(s): None.

Restrictions: Enrollment in the postgraduate orthodontic program

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course introduces how to develop the problem list, treatment goals, and how to create a treatment plan to accomplish the treatment goals. Diagnostic and treatment planning criteria will be taught that demonstrate the specific steps in developing an efficient treatment plan.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 443 Review of Classic Texts in Orthodontics: Proffit/Graber (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Mona N Bajestan
Prerequisite(s): Enrolled in 1st year post graduate orthodontic program or consent of the instructor.

Restrictions: None.

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

Review of Proffit and Graber Textbooks provides the basis of knowledge for 1st year post graduate orthodontic students. The students work in a group discussion format facilitated by the orthodontic faculty. Topics to be covered include growth and development, orthodontic diagnosis, treatment planning, treatment techniques, and history of orthodontics.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes

ORTHODONT 444 Cephalometrics and Imaging (1 Units) Fall
Instructor(s): Renie Ikeda
Prerequisite(s): Enrollment in the orthodontic postgraduate program

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course is designed to help students evaluate the clinical usefulness and limitation of craniofacial imaging. Lateral cephalograms, panoramic radiographs and cone beam 3D (CBCT) imaging area are discussed, contrasted and compared. Clinical conditions such as asymmetries, TMD, and others are evaluated from a radiographic perspective.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
ORTHODONT 444A Basics of Cephalometric Analysis (1 Units) Fall  
Instructor(s): Renie Ikeda  
Prerequisite(s): None  

Restrictions: Enrolled in postgraduate orthodontic program  

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects  

This course introduces residents to the concept and use of computerized digital cephalometric programs in the diagnosis and treatment planning of patients. Residents will gain knowledge in cephalometric analysis on lateral cephalometric radiographs, panoramic radiographs, full mouth series (periapicals and bitewings), tomograms of the TMJ, and other relevant radiographs. Special emphasis is placed on treatment predictions to help determine treatment plan choice.

School: Dentistry  
Department: Orofacial Sciences  

May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)  
Graduate Division course: No  
Is this a web-based online course? No  
Is this an Interprofessional Education (IPE) course? No  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No  

ORTHODONT 444B Introduction to 3-D Imaging (1 Units) Fall  
Instructor(s): Snehlata Oberoi  
Prerequisite(s): None  

Restrictions: Enrolled in postgraduate orthodontic program  

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion  

This course will focus on cone beam CT imaging and its applications in imaging impacted teeth, size of the airway, malocclusions, and temporomandibular joint disorders. Topics covered include: principles of modern CBCT technology and its usage, identification of radiographic anatomy, landmarks, and anomalies; how to perform a systematic review and interpretation of a CBCT scan; selection of the proper CBCT sections and views to address specific concerns; and risks of ionizing radiation.

School: Dentistry  
Department: Orofacial Sciences  

May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)  
Graduate Division course: No  
Is this a web-based online course? No  
Is this an Interprofessional Education (IPE) course? No  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No  

ORTHODONT 445 Facial Growth & Development (1 Units) Fall, Winter  
Instructor(s): Andrew H. Jheon  
Prerequisite(s): In postgraduate orthodontic program  

Restrictions: Enrolled in the postgraduate orthodontic or pediatric dentistry programs  

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects  

This course will focus on craniofacial development as defined by cephalometric analysis of lateral and frontal headflims emphasizing how growth occurs.

School: Dentistry  
Department: Orofacial Sciences  

May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)  
Graduate Division course: No  
Is this a web-based online course? No  
Is this an Interprofessional Education (IPE) course? No  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No  

ORTHODONT 447A Fundamentals of Biomechanics (1 Units) Winter, Spring  
Instructor(s): Sunil D Kapila  
Prerequisite(s): Enrolled in orthodontic postgraduate program  

Restrictions: None.

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion  

This course describes the basic physical properties of orthodontic wires. The process of selecting these wires is described using their unique characteristics as decision points. Using the concept of slot play and the characteristics of static beam theory, the process of selecting specific custom torque prescriptions for each tooth is described and utilized in the course. Force systems utilizing the center of resistance of teeth will be taught and described. This is Part 1 of a 2 part series.

School: Dentistry  
Department: Orofacial Sciences  

May the student choose the instructor for this course? No  
Does enrollment in this course require instructor approval? No  
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)  
Graduate Division course: No  
Is this a web-based online course? No  
Is this an Interprofessional Education (IPE) course? No  
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes
ORTHODONT 447B Clinical Applications of Biomechanics (1 Units) Spring
Instructor(s): Sunil D Kapila
Prerequisite(s): Pass ORTHODONT 447A

Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

This is Part 2 of a 2-part series on biomechanics and biomaterials. Part 2 focuses on clinical applications of biomechanical principles.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 448 Orthodontic Journal Club and Literature Review (1 Units) Fall, Winter
Instructor(s): Andrew H. Jheon
Prerequisite(s): None

Restrictions: Student has to be enrolled into the postgraduate orthodontic program
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

Students will review pertinent literature related to orthodontics and related fields emphasizing papers important to developing the modern concepts of orthodontic treatment.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 449 Advanced Orthodontic Diagnosis and Treatment Planning (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Christine Hong
Prerequisite(s): None

Restrictions: Enrollment in the postgraduate orthodontic program
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course focuses on the how to diagnose and treatment plan complex and difficult orthodontic cases. Advanced diagnostic and treatment planning techniques will be demonstrated in detail. Case presentations by faculty and students will be used to demonstrate the techniques. Multiple treatment options for the same case will be discussed.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 450 Treatment in Progress Seminar (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Sunil D Kapila
Prerequisite(s): NONE.

Restrictions: Enrolled in 1st, 2nd, or 3rd year of postdoctoral orthodontic program or consent of instructor
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

This seminar series is composed primarily of in-progress or infrequently completed case reports. Students prepare case presentations on a rotating basis in audiovisual format, providing an analysis of the diagnosis, treatment planning and evaluation of growth and developmental changes. The purpose of the course is to develop a critical analytical approach to treatment and ability to propose treatment corrections when warranted to achieve desirable outcomes.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? Yes
Is this an Interprofessional Education (IPE) course? Yes
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
ORTHODONT 452 Principles of Orthodontic Finishing (1 Units) Fall, Spring
Instructor(s): Christine Hong
Prerequisite(s): Enrollment in postgraduate orthodontics

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

The course demonstrates the clinical principals of finishing orthodontic cases to an excellent occlusion and functional result. The course will focus on quality finishing of edgewise orthodontic cases, is a process that begins with placement of the braces, therefore "Begin With End In Mind", and runs through placement of the retention devices.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 453 Fundamentals of Clear Aligner Therapy (1 Units) Fall, Winter, Spring
Instructor(s): Robert J Lee
Prerequisite(s): Enrolled in postgraduate orthodontics

Restrictions: None

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

This course will concentrate on the fundamentals of clear aligner therapy. Students will learn different clear aligner techniques, protocols, biomechanics, philosophies, and clinical approaches.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 454 Emerging Orthodontic Products and Technologies (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Kjeld A Aamodt
Prerequisite(s): None

Restrictions: Enrollment in the postgraduate orthodontic program

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course is designed to introduce the student to new orthodontic products and emerging technologies that will be important in staying on the cutting edge in the orthodontic profession. Various techniques to evaluate the usefulness and effectiveness of new products will also be discussed.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 455 Orthodontic Practice Management and Transitions (1 Units) Fall, Winter, Spring, Summer
Instructor(s): David W Johnson
Prerequisite(s): None.

Restrictions: Enrolled in 3rd year of postdoctoral orthodontic program.

Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course intended to prepare the student to deal with the realities of managing an orthodontic practice. Thirty-six topics are discussed by the students and faculty. Several guest lecturers represent the different areas of practice administration. Multiple office visits are utilized to demonstrate actual practice situations in operation.

School: Dentistry
Department: Orofacial Sciences

May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
ORTHODONT 456 Mixed Dentition Diagnosis and Treatment Planning (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Christine Hong
Prerequisite(s): None

Restrictions: Have to be enrolled in postgraduate orthodontic program
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course is designed to teach the fundamentals of diagnosis and treatment planning of basic to difficult comprehensive mixed dentition or early orthodontic treatment cases. Fixed and removable orthodontic appliances will be taught and demonstrated. Lectures will be combined with case presentations by faculty and residents.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 457 Orthodontics and Orthognathic Surgery (1.5 Units) Fall, Winter, Spring, Summer
Instructor(s): Mona N Bajestan
Prerequisite(s): None

Restrictions: Enrollment in postgraduate program in School of Dentistry.
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

In this didactic course, Orthodontic students and oral surgery residents learn to outline and evaluate alternative treatment possibilities for patients with facial and occlusal deformities that may require combined therapy. Review and presentation of the literature and of the records of previously treated patients is included. Expectations shift as students/residents advance.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? Yes

ORTHODONT 458 Orthodontics and Prosthodontics (0.5 Units) Fall, Winter, Spring, Summer
Instructor(s): Arun B. Sharma
Prerequisite(s): None

Restrictions: Enrollment in postgraduate program in School of Dentistry.
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

In this interdisciplinary seminar, residents present patient cases that involve 2 or more dental specialties. All residents participate in discussing cases and developing step-wise interdisciplinary treatment plans.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? Yes
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? Yes
Is this an Interprofessional Education (IPE) course? Yes
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes
Repeat course for credit? Yes

ORTHODONT 459 Orthodontic and Periodontic Treatment (0.5 Units) Fall, Winter, Spring
Instructor(s): Christine Hong
Prerequisite(s): Enrollment in postgraduate orthodontics
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

The interaction of orthodontics and periodontics will be discussed describing fundamental periodontal issues related to orthodontics and how the field of periodontics can interact with orthodontics.

School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No
Repeat course for credit? Yes
ORTHODONT 460  TMD and Orofacial Pain for Orthodontists  (1 Units) Fall
Instructor(s): Jennifer M Buchanan
Prerequisite(s): Enrolled in the postgraduate orthodontic program
Restrictions: none
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
This course provides introduction to the types and etiology of temporomandibular disorders as well as how to screen and evaluate orthodontic patients for TMD.
School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 461 Orthodontic Research 1 (1 Units) Fall, Winter, Spring, Summer
Instructor(s): Andrew H. Jheon
Prerequisite(s): Post graduate orthodontic first year student
Restrictions: Registered in the post graduate orthodontic program
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
An introduction to the logic and methodology of clinical craniofacial research is presented and discussed with illustrations from the literature and from current research activities within the Orthodontic Division.
School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 462 Orthodontic Clinics (10 Units) Fall, Winter, Spring, Summer
Instructor(s): Christine Hong
Prerequisite(s): Enrollment in the first, second or third year postdoctoral Orthodontic Program
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
Diagnosis, treatment, and evaluation of clinical postdoctoral orthodontic problems as experienced in modern orthodontic practice. Students will treat patients with a broad spectrum of orthodontic problems. Students will work with other specialists in the management of orthodontic problems.
School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? No
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? No
Is this an Interprofessional Education (IPE) course? No
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

ORTHODONT 463 American Board Orthodontics Written Exam Literature Review (1 Units) Fall, Winter
Instructor(s): Mona N Bajestan
Prerequisite(s): None.
Restrictions: Enrolled in 2nd or 3rd year of postgraduate orthodontic program or consent of instructor.
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
This course provides a comprehensive review of the literature in preparation for the American Board of Orthodontics (ABO) Part II examination. Students study the literature, participate in class discussions, and take ABO-style examinations at the end of each session.
School: Dentistry
Department: Orofacial Sciences
May the student choose the instructor for this course? No
Does enrollment in this course require instructor approval? Yes
Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)
Graduate Division course: No
Is this a web-based online course? Yes
Is this an Interprofessional Education (IPE) course? Yes
May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes
ORTHODONT 464  American Board of Orthodontics PH III Clinical Exam Review  (1 Units) Winter, Spring

_Instructor(s):_ Mona N Bajestan

**Prerequisite(s):** None

**Restrictions:** Enrollment in the Postgraduate Orthodontic Program

**Activities:** Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

This course will be a comprehensive discussion of and teach the steps in completing the Phase III clinical exam for the American Board of Orthodontics certification. The course will include how to score the initial discrepancy index, how to score the final cast and radiographic evaluation, techniques for completing the case report, and how to prepare for the oral portion of the board exam, or BCOE.

**School:** Dentistry

**Department:** Orofacial Sciences

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)

**Graduate Division course:** No

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** No

ORTHODONT 465  Surgical Orthodontics  (1 Units) Fall, Winter

_Instructor(s):_ Mona N Bajestan

**Prerequisite(s):** N/A

**Restrictions:** Postgraduate students

**Activities:** Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects

The course will review surgical and orthodontics principles for diagnosis, treatment and management of orthognathic surgery cases. Surgical component will describe the surgical principles guiding osteotomy design, level, and timing and the orthodontic component will delineate the basic principles underlying orthodontic treatment of orthognathic surgery cases. Instruction is primarily focused on students gaining knowledge of surgical/orthodontic principles and their application to clinical care.

**School:** Dentistry

**Department:** Orofacial Sciences

**May the student choose the instructor for this course?** No

**Does enrollment in this course require instructor approval?** No

**Course Grading Convention:** P/NP (Pass/Not Pass) or S/U (Satisfactory/ Unsatisfactory)

**Graduate Division course:** No

**Is this a web-based online course?** No

**Is this an Interprofessional Education (IPE) course?** No

**May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course?** No