DEPARTMENT OF RESTORATIVE SCIENCES

The Department of Restorative Sciences at the College of Dentistry conducts multidisciplinary instruction, research, and patient care programs through its three divisions:

1. Operative Dentistry
2. Fixed Prosthodontics
3. Removable Prosthodontics

Within these divisions, the department administers instruction in the sub-disciplines of Dental Implants, Dental Auxiliary Utilization, Dental Materials, Dental Anatomy, Dental Occlusion, and Professional Ethics, in a series of courses spread throughout the first three years of the dental curriculum.

Preclinical and clinical educational programs operate within the context of the Simulation Clinic Laboratories and Clinics of the dental facilities.

The educational goals of the successful restorative dental practice program include developing

- competent restorative hand-skill levels in all of the respective divisions,
- ethical dentist-patient relations,
- professionalism in the practice of clinical dentistry, and
- the ability to develop critical thinking and application to clinical practice.

In addition to the undergraduate preclinical and clinical dental curriculum, the department also offers a 36-month combined MS degree in Oral Biology with a Certificate in Prosthodontics. This program provides graduate students with an integrated curriculum of advanced didactic and clinical instruction in all phases of prosthodontics. The opportunity for a combined PhD and Certificate is also available.

Faculty

Alajlouni, Khaldoun F, Adjunct Professor
Restorative Sciences
MS, Marquette University, 2003
DDS, Jordan University of Science and Technology, 1998

Allen, Sarah P, Clinical Assistant Professor
Restorative Sciences
CERT, Texas A&M University, 2014
DDS, Texas A&M Baylor College of Dentistry, 2010

Baumann, Todd M, Adjunct Assistant Professor
Restorative Sciences
MS, Texas A&M University, 2009
DDS, Baylor College of Dentistry, 2002

Beninger, Christine K, Clinical Associate Professor
Restorative Sciences
DDS, California State University, Long Beach, 1978

Bolouri, Ali, Professor
Restorative Sciences
DDS, University of Tennessee Medical Units, 1976

Bryan, Burt C, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1979

Burnett, Janna E, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 2009

Camacho, Antonino C, Clinical Assistant Professor
Restorative Sciences
CERT, Brooke Army Medical Center, 1980
DMD, University of Puerto Rico Medical Sciences School of Dentistry, 1975

Cartwright, Chris S, Clinical Assistant Professor
Restorative Sciences
MHA, Texas Woman's University, 1999
DDS, Baylor College of Dentistry, 1978

Chau, Van B, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1993

Chen, Jenn Hwan, Clinical Assistant Professor
Restorative Sciences
MS, Texas A&M Baylor College of Dentistry, 2012
DMD, Temple University, 2006

Cobb, Stanton W, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1983

Cramer, George H, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1975

Dobbins, Michael L, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1968

Finn, Tiffany R, Clinical Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 1992

Fowler, Allison F, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2013

Friedman, Nicole M, Adjunct Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 2006

Gannaway, Mark E, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1981

Garcia, Luis R, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 1999

Goodman, John T, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1968
Govindarajan, Sujatha P, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 1998

Griffin, Stephen J, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1985

Hildebrand, Brody J, Adjunct Assistant Professor
Restorative Sciences
CERT, Texas A&M University, 2004
DDS, Texas A&M Baylor College of Dentistry, 2000

Hui, Jason C, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2011

Hutson, Brent B, Clinical Associate Professor
Restorative Sciences
MS, Texas A&M University, 2005
DDS, Baylor College of Dentistry, 1993

Ighani, Elham E, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2008

Jung, Jiyong, Adjunct Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 2015

Karbowski, Steve W, Clinical Associate Professor
Restorative Sciences
DDS, The University of Texas Health Science Center at Houston, 1972

Karns, Joel D, Adjunct Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2000

Kontogiorgos, Dimitrios I, Clinical Professor
Restorative Sciences
PHD, Texas A&M University, 2010
DMD, National and Capodistrian University of Athens, 2003

Lacy, Ernestine S, Professor
Restorative Sciences
CERT, Texas A&M University, 1996
DDS, Baylor College of Dentistry, 1994

Lee, Chia Ming, Adjunct Assistant Professor
Restorative Sciences
MS, The University of Texas Health Science Center at Houston, 2002
DDS, National University of Singapore, 1991

Lohmann, Layla C, Adjunct Assistant Professor
Restorative Sciences
DDS, University of Oklahoma, 2011

Long, Jack L, Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1976

Mann, Abby L, Adjunct Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 2011

Mash, Lana K, Clinical Associate Professor
Restorative Sciences
DDS, University of Missouri - Kansas City, 1980

McCarthy, Sandra L, Clinical Associate Professor
Restorative Sciences
CERT, Baylor College of Dentistry, 1984
DDS, Marquette University School of Dentistry, 1982

McDonald, Stephen H, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1980

McWatters, Michael R, Adjunct Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1973

Miller, Amp W, Professor
Restorative Sciences
MS, Baylor University College of Dentistry, 1980
DDS, Baylor University College of Dentistry, 1973

Miller, Barbara H, Associate Professor
Restorative Sciences
MS, Texas A&M University, 1996
DDS, Baylor College of Dentistry, 1983

Moore, Loulou M, Clinical Associate Professor
Restorative Sciences
MPH, Texas A&M University, 1997
DDS, Texas A&M Baylor College of Dentistry, 1993

Muns, Christine A, Clinical Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2012

Nagy, William W, Professor
Restorative Sciences
DDS, The Ohio State University, 1970

Nickell, Larry T, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1985

Ortiz Sierra, Paula A, Adjunct Assistant Professor
Restorative Sciences
MS, Case Western Reserve University, 2008
DDS, Institute of Health Sciences - Medellin, Columbia, 1997

Palos, Edward A, Clinical Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2012

Pope, Jeffrey D, Adjunct Assistant Professor
Restorative Sciences
MS, Texas A&M University, 2012
DDS, Texas A&M Baylor College of Dentistry, 2009

Prats, Lorenzo M, Clinical Associate Professor
Restorative Sciences
DMD, University of Puerto Rico Medical Sciences, 1979
Rafael, Ruben O, Adjunct Assistant Professor
Restorative Sciences
MS, Tufts University, 2010
DDS, Technological University of Mexico, 2006

Seekri, Renu B, Adjunct Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1996

Solomon, Gary B, Clinical Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1976

Speer, Aline G, Adjunct Assistant Professor
Restorative Sciences
MS, The University of Texas Health Science Center at Houston, 2012
DDS, Dental School of Caruaru-PE, Brazil, 2005

Spence, Alicia M, Clinical Assistant Professor
Restorative Sciences
DDS, Texas A&M University, 2012

Steglich, Alan L, Adjunct Assistant Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1986

Swords, Stephanie B, Adjunct Assistant Professor
Restorative Sciences
DDS, The University of Texas Health Science Center at San Antonio, 2011

Tanur, Eduardo, Adjunct Assistant Professor
Restorative Sciences
MS, Texas A&M University, 1992
DDS, Universidad Tecnologica de Mexico, 1989

Tapias Perdigon, Helena, Clinical Associate Professor
Restorative Sciences
MS, University of Minnesota, Twin Cities, 2007
DDS, Universidad Nacional de Colombia, 1993

Tiwana, Karen R, Adjunct Assistant Professor
Restorative Sciences
DDS, University of North Carolina at Chapel Hill, 2000

Tran, Nghi T, Adjunct Assistant Professor
Restorative Sciences
DDS, The University of Texas Health Science Center at San Antonio, 2012

Woody, Ronald D, Clinical Professor
Restorative Sciences
DDS, Marquette University School of Dentistry, 1963

Yazhari, Yasamin, Adjunct Assistant Professor
Restorative Sciences
DDS, The University of Texas Health Science Center at Houston, 2011

York, Beverly D, Clinical Associate Professor
Restorative Sciences
DDS, Baylor College of Dentistry, 1981

Younes, Khaled M, Adjunct Assistant Professor
Restorative Sciences
DDS, University of Science and Technology in Yemen, 2000

Zartman, Rosemarie R, Clinical Associate Professor
Restorative Sciences
MS, Baylor College of Dentistry, 2001
DDS, Baylor College of Dentistry, 1991

Zhao, Hu, Assistant Professor
Restorative Sciences
DDS, University of California, Los Angeles, 2011
MS, University of Virginia, Charlottesville, 2003

Certificates
• Prosthodontics Certificate

Courses

PROS 600 Mock Board Examination I
Credits 0.0 Other Hours.
Prepares the students for certification by the American Board of Prosthodontics (ABP). It includes a comprehensive written examination, presentation and defense of a Part 4 patient presentation with oral examination. Must be taken on a satisfactory/unsatisfactory basis.

PROS 601 Mock Board Examination II
Credits 0.0 Other Hours.
A continuation of (I), preparing students for certification by the American Board of Prosthodontics (ABP) with a comprehensive written examination, presentation and defense of a Part 2 or 3 patient presentation with oral examination. Must be taken on a satisfactory/unsatisfactory basis.

PROS 602 Mock Board Examination III
Credits 0.0 Other Hours.
A continuation of (I) and (II), preparing students for certification by American Board of Prosthodontics (ABP) with a comprehensive written examination and presentation and defense of a Part 2 or 3 patient presentation not yet presented with oral examination. Selection is also made of which Part 2, 3 or 4 should possibly be considered for actual presentation to the ABP. Students are required to take Part 1 (written) of the ABP examination in February of their third year. Must be taken on a satisfactory/unsatisfactory basis.

PROS 603 Journal Club I
Credits 0.0 Other Hours.
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 604 Journal Club II
Credits 0.0 Other Hours.
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 605 Journal Club III
Credits 0.0 Other Hours.
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.
PROS 606 Journal Club IV  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 607 Journal Club V  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 608 Journal Club VI  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 609 Journal Club VII  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 610 Journal Club VIII  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 611 Journal Club IX  
Credits 0.0 Other Hours.  
Reviews current prosthodontic literature and encompasses analytical review and evidence-based approach. Students register for a total of three summers and six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 612 Treatment Planning and Clinical Review I  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 613 Treatment Planning and Clinical Review II  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 614 Treatment Planning and Clinical Review III  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 615 Treatment Planning and Clinical Review IV  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 616 Treatment Planning and Clinical Review V  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 617 Treatment Planning and Clinical Review VI  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 618 Treatment Planning and Clinical Review VII  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 619 Treatment Planning and Clinical Review VIII  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 620 Treatment Planning and Clinical Review IX  
Credits 0.0 Other Hours.  
A series of formalized treatment plans are presented by the students and are discussed and finalized by attending faculty and students. Students also present treatments in progress and completed treatments for review and discussion at this seminar. Students register for a total of three summers and six semesters.

PROS 621 Interdisciplinary Conferences I  
Credits 0.0 Other Hours.  
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.
PROS 622 Interdisciplinary Conferences II
Credits 0.0 Other Hours.
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 623 Interdisciplinary Conferences III
Credits 0.0 Other Hours.
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 624 Interdisciplinary Conferences IV
Credits 0.0 Other Hours.
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 625 Interdisciplinary Conferences V
Credits 0.0 Other Hours.
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 626 Interdisciplinary Conferences VI
Credits 0.0 Other Hours.
Specialized conferences in orthognathic surgery, craniofacial anomalies and dental implants are held weekly and monthly. The specialties of prosthodontics, periodontics, oral and maxillofacial surgery, and orthodontics attend with interdisciplinary treatment planning, presentation of treatment results, and future direction based on outcomes and new developments. Students register for six semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 627 Prosthodontic Topic Literature Review I
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 628 Prosthodontic Topic Literature Review II
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 629 Prosthodontic Topic Literature Review III
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 630 Prosthodontic Topic Literature Review IV
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 631 Prosthodontic Topic Literature Review V
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 632 Prosthodontic Topic Literature Review VI
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 633 Prosthodontic Topic Literature Review VII
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 634 Prosthodontic Topic Literature Review VIII
Credits 0.5–1.0 0.5–1 Other Hours.
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.
PROS 635 Prosthodontic Topic Literature Review IX  
Credits 0.5-1. 0.5-1 Other Hours.  
5-1. Detailed review of classical and current prosthodontic literature organized into specific topics, encompassing all sub-disciplines in prosthodontics. Students are assigned a specific topic, upgrade past literature packets, prepare and disseminate new material and summaries prior to the seminar, and lead discussion at the seminar. Students register for a total of three summers and six semesters.

PROS 636 Advanced Prosthodontic Concepts and Techniques I  
Credit 1. 1 Other Hour.  
Theories, concepts and treatment modalities in complete denture, removable partial denture and fixed partial denture prosthodontics, with related contemporary literature and techniques. Students register for a total of two semesters.

PROS 637 Advanced Prosthodontic Concepts and Techniques II  
Credit 1. 1 Other Hour.  
Theories, concepts and treatment modalities in complete denture, removable partial denture and fixed partial denture prosthodontics, with related contemporary literature and techniques. Students register for a total of two semesters.

PROS 638 Related Discipline Seminars I  
Credit 1. 1 Other Hour.  
Interactive seminar presentations in the specialty areas of periodontics, oral and maxillofacial surgery, orthodontics, endodontics, dental materials, physiology and other disciplines not covered in the core curriculum specifically related to prosthodontics. Students register for a total of four semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 639 Related Discipline Seminars II  
Credit 1. 1 Other Hour.  
Interactive seminar presentations in the specialty areas of periodontics, oral and maxillofacial surgery, orthodontics, endodontics, dental materials, physiology and other disciplines not covered in the core curriculum specifically related to prosthodontics. Students register for a total of four semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 640 Related Discipline Seminars III  
Credit 1. 1 Other Hour.  
Interactive seminar presentations in the specialty areas of periodontics, oral and maxillofacial surgery, orthodontics, endodontics, dental materials, physiology and other disciplines not covered in the core curriculum specifically related to prosthodontics. Students register for a total of four semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 641 Related Discipline Seminars IV  
Credit 1. 1 Other Hour.  
Interactive seminar presentations in the specialty areas of periodontics, oral and maxillofacial surgery, orthodontics, endodontics, dental materials, physiology and other disciplines not covered in the core curriculum specifically related to prosthodontics. Students register for a total of four semesters. Must be taken on a satisfactory/unsatisfactory basis.

PROS 642 Advanced TMD and Occlusal Concepts and Treatments  
Credit 1.5. 1.5 Other Hour.  
Seminars and clinical application of contemporary literature and techniques in occlusion and temporomandibular disorders.

PROS 643 Clinical Teaching  
Credit 1. 1 Other Hour.  
Lectures and clinical instruction involving contact with second-year, third-year and fourth-year dental students. Students register for one semester. Must be taken on a satisfactory/unsatisfactory basis.

PROS 644 Maxillofacial Prosthodontic Concepts and Treatments  
Credit 1. 1 Other Hour.  
Theories, concepts and treatment modalities related to the maxillofacial patient with a seminar, laboratory and clinical application format and a VA hospital rotation. Implant literature reviews of contemporary material with an evidence-based seminar approach.

PROS 645 Advanced Implant Concepts and Treatment  
Credit 1.5. 1.5 Other Hour.  
Seminars and clinical application on implant concepts, designs, placement techniques and clinical utilization. Specific prosthodontic diagnosis and treatment concepts are stressed with evidence-based rationale.

PROS 646 Introduction to Prosthodontic Concepts and Techniques  
Credits 2.5. 1.3 Lecture Hour. 1.3 Lab Hour.  
(1.25-1.25). Assessment, development and enhancement of diagnostic and clinical skills in prosthodontics; lecture/laboratory format, concepts in fixed, removable and implant prosthodontics, porcelain laboratory techniques and applications.

PROS 647 Advanced Dental Materials  
Credits 2. 2 Lecture Hours.  
Provides knowledge on contemporary dental materials; emphasis on restorative and prosthodontic materials; understanding and overview of the structure and properties of dental materials; specific detailed information on the major categories of dental materials.

PROS 648 Occlusal Concepts and Techniques I  
Credit 1.5. 1.5 Other Hour.  
Theories and clinical application of various occlusal concepts with utilization of various categories of recording mechanisms of condylar movements. Students register for a total of two semesters.

PROS 649 Occlusal Concepts and Techniques II  
Credit 1.5. 1.5 Other Hour.  
Theories and clinical application of various occlusal concepts with utilization of various categories of recording mechanisms of condylar movements. Students register for a total of two semesters.

PROS 650 Geriatric Prosthodontics  
Credit 1. 1 Other Hour.  
Seminars and clinical applications on the demographics epidemiology and special considerations of the aging patient in a prosthodontic practice. Clinic rotations in geriatric evaluation and management unit team meetings and nursing home rounds. Must be taken on a satisfactory/unsatisfactory basis.

PROS 651 Implant Concepts and Techniques, Surgical Placement  
Credits 0. 0 Other Hours.  
Seminars and clinical application of basic implant concepts, diagnosis and treatment planning and the SAC classification, review of various systems, surgical placement considerations and evidence-based rationale; for advanced specialty education students desiring to place implants in the Post-Doctoral Implant Surgical Placement Program. Must be taken on a satisfactory/unsatisfactory basis.
PROS 652 Clinical Prosthodontics I  
Credits 3. 3 Other Hours.  
Diagnosis, treatment and management of patients requiring various categories of prosthodontic core. Patient selection and load determined by student aptitude and clinical competence.

PROS 653 Clinical Prosthodontics II  
Credits 3. 3 Other Hours.  
Diagnosis, treatment and management of patients requiring various categories of prosthodontic core. Patient selection and load determined by student aptitude and clinical competence.

PROS 654 Advanced Clinical Prosthodontics I  
Credits 2.50 to 4. 2.50 to 4 Other Hours.  
5-4. Diagnosis, treatment and management of patients requiring various categories of complex prosthodontic care. Interspecialty relationships are stressed with students developing proficiency in treatment applications. A VA hospital rotation is included for a one-day-a-week for 3 months treating medically compromised patients with varying degrees of cognitive and physical impairments and maxillofacial prosthetic needs. Students register for a total of one summer and two semesters.

PROS 655 Advanced Clinical Prosthodontics II  
Credits 2.50 to 4. 2.50 to 4 Other Hours.  
5-4. Diagnosis, treatment and management of patients requiring various categories of complex prosthodontic care. Interspecialty relationships are stressed with students developing proficiency in treatment applications. A VA hospital rotation is included for a one-day-a-week for 3 months treating medically compromised patients with varying degrees of cognitive and physical impairments and maxillofacial prosthetic needs. Students register for a total of one summer and two semesters.

PROS 656 Advanced Clinical Prosthodontics III  
Credits 2.50 to 4. 2.50 to 4 Other Hours.  
5-4. Diagnosis, treatment and management of patients requiring various categories of complex prosthodontic care. Interspecialty relationships are stressed with students developing proficiency in treatment applications. A VA hospital rotation is included for a one-day-a-week for 3 months treating medically compromised patients with varying degrees of cognitive and physical impairments and maxillofacial prosthetic needs. Students register for a total of one summer and two semesters.

PROS 657 Advanced Clinical Prosthodontics IV  
Credits 2.50 to 5. 2.50 to 5 Other Hours.  
5-5. A continuation of PRO 5402, with students diagnosing, treating and managing patients requiring various categories of complex prosthodontic care. Rationale and outcomes of treatment are stressed, with developing a high level of proficiency in treatment applications.

PROS 658 Advanced Clinical Prosthodontics V  
Credits 2.50 to 5. 2.50 to 5 Other Hours.  
5-5. A continuation of PRO 5402, with students diagnosing, treating and managing patients requiring various categories of complex prosthodontic care. Rationale and outcomes of treatment are stressed, with developing a high level of proficiency in treatment applications.

PROS 659 Advanced Clinical Prosthodontics VI  
Credits 2.50 to 5. 2.50 to 5 Other Hours.  
5-5. A continuation of PRO 5402, with students diagnosing, treating and managing patients requiring various categories of complex prosthodontic care. Rationale and outcomes of treatment are stressed, with developing a high level of proficiency in treatment applications.

PROS 689 Special Topics In...  
Credits 0 to 4. 0 to 4 Other Hours.  
Selected topics in an identified area of prosthodontics. May be repeated for credit.

PROS 691 Research  
Credits 0 to 10. 0 to 10 Other Hours.  
Research for thesis or dissertation.