PREVENTIVE AND RESTORATIVE DENTAL SCIENCES (PRV RS DEN)

PRV RS DEN 104 Introductory Biomaterials Science (2 Units) Fall
Instructor(s): Stefan F. Habelitz
Prerequisite(s): none
Restrictions: ID3
Activities: Lecture, Independent Study

In this course, internationally trained dentists will review the material properties and clinical indications for the use of ceramics (including CAD/CAM), adhesive dentistry, mineralized tissues, composites, optical properties and lasers, and metals and alloys (gold). This course will review design and engineering principles required to critically assess commercial dental materials in their daily practice as well as in their future educational training as a successful dentist.

School: Dentistry
Department: Preventive And Restorative Dental 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? No

PRV RS DEN 106 Removable & Fixed Prosthodontics, Restorative, & Endodontics (15 Units) Summer
Instructor(s): Nejleh Abed, Mark A. Dellinger, Daniel B. Mendoza, Nejleh Abed, Rishabh P Acharya, David A. Graham
Prerequisite(s): None
Restrictions: ID3
Activities: Lecture

This simulation course is intended for ID3 students to review core concepts for common procedures that will be encountered during their clinical training. Though the concepts are not new, some of the steps or dental materials used for each procedure may be new. These include crown and bridge, root canal therapy, implant restorations, restorative procedures, complete dentures, and removable partial dentures. This includes treatment planning, procedures, and handling of relevant materials.

School: Dentistry
Department: Preventive And Restorative Dental 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? No

PRV RS DEN 116 Morphology, Restorative Technique, & Biomaterials (4 Units) Fall
Instructor(s): Nejleh Abed, Daniel Fried, Daniel B. Mendoza, Ramneek Rai, David A. Graham
Prerequisite(s): none
Restrictions: D1
Activities: Lecture, Laboratory

The first in a series, this simulation course immerses students in the language of dentistry. Students will also start learning about morphology of adult teeth, the caries disease process, detecting caries, and managing caries in various ways. Students will begin using the dental drill for caries removal and minimally invasive restorations, using proper ergonomics and indirect vision. Students will also start learning about the numerous dental materials that are used in clinical practice.

School: Dentistry
Department: Preventive And Restorative Dental 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? No
**PRV RS DEN 117  Restorative Technique, Crown & Bridge, & Biomaterials I (5.5 Units) Winter**  
*Instructor(s):* Nejleh Abed, Daniel B. Mendoza, Stefan F. Habelitz  
*Prerequisite(s):* PRV RS DEN 116

**Restrictions:** D1

**Activities:** Lecture

This course builds upon concepts and techniques learned in PRDS 116. It is the second in a series of simulation courses for first-year dental students. Students will learn the principles of cavity preparation design and practice intracoronal restoration preparations and gold crown preparations and temporization. Finally, students will continue learning about the numerous dental materials that are used in daily clinical practice.

**School:** Dentistry  
**Department:** Preventive And Restorative Dental 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? No

**PRV RS DEN 118  Restorative Technique, Crown & Bridge, & Biomaterials II (4.5 Units) Spring**  
*Instructor(s):* Nejleh Abed, Daniel B. Mendoza, Sunita V. Ho  
*Prerequisite(s):* PRV RS DEN 116, PRV RS DEN 117

**Restrictions:** D1

**Activities:** Lecture

This course is the third in a series of D1 simulation courses and builds upon concepts and techniques learned in PRDS 116 and 117. Students will learn about treatment planning and performing extracoronal amalgam, Class II, III, and IV composite preparations and restorations, gold onlay preparations, anterior and posterior porcelain-fused to metal, zirconia, and E-max crown preparation and provisionalization. Students will continue learning about dental materials used in clinical practice.

**School:** Dentistry  
**Department:** Preventive And Restorative Dental 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? No

**PRV RS DEN 126  Removable Partial Dentures, Crown & Bridge, & Operative (6 Units) Fall**  
*Instructor(s):* Mark A. Dellinges, Daniel B. Mendoza, David A. Graham  
*Prerequisite(s):* none

**Restrictions:** D2

**Activities:** Lecture, Laboratory

This course builds upon concepts and techniques learned in PRDS 116, 117, and 118. It is the first in a series of simulation courses for second-year dental students. Students will learn about treatment planning, designing, and performing lab steps for removable partial dentures. Additionally, students will learn more complex operative and crown & bridge procedures, as well as anterior veneers.

**School:** Dentistry  
**Department:** Preventive And Restorative Dental 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? No

**PRV RS DEN 127  Complete Dentures, Endodontics, & Adv Restorative Technique (7 Units) Winter**  
*Instructor(s):* Mark A. Dellinges, Daniel B. Mendoza  
*Prerequisite(s):* none

**Restrictions:** D2

**Activities:** Lecture, Laboratory

This course builds upon concepts and techniques learned in PRDS 126. It is the second in a series of D2 simulation courses. Students will learn about treatment planning, designing, and performing lab steps for complete dentures and continue to learn about crowns as well as fixed partial dentures, or bridges. Finally, students will learn about diagnosis and treatment planning for root canal therapy, and will perform the steps of non-surgical root canal therapy on single-rooted teeth.

**School:** Dentistry  
**Department:** Preventive And Restorative Dental 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? No
PRV RS DEN 128 Complete Dentures, Fixed Partial Dentures & Endodontics (11.5 Units) Spring
Instructor(s): Daniel B. Mendoza, Mark A. Dellinges, Nejleh Abed
Prerequisite(s): none

Restrictions: D2

Activities: Lecture

This course builds upon concepts and techniques learned in PRDS 127. Students will learn more advanced concepts related to complete dentures, root canal therapy for multi-rooted canal systems, restoration of endodontically treated teeth, advanced concepts in caries removal and esthetic restorations, the use of CAD/CAM technology, and treatment planning for implant restorations, critically analysing lab work for implant restorations, and using the different instruments for implant restorations.

School: Dentistry
Department: Preventive And Restorative Dental 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? No

PRV RS DEN 180 Teaching Methodologies in Dental Education (0.5-8.5 Units) Fall, Winter, Spring
Instructor(s): Gwen Essex, Michael H Le
Prerequisite(s): Successful completion of D1 and D2 curriculum or equivalent.

Restrictions: 3rd and 4th year dental and international dental students, or consent of course director.

Activities: Seminar, Clinical, Independent Study, Project, Workshop

This is an elective course designed to introduce pre-doctoral dental students to instructional methods and curriculum development. Preparatory seminars and web-based work reviewing relevant educational literature and student teaching experiences in clinics and laboratories provide experience in teaching and assessment in dental education.

School: Dentistry
Department: Preventive And Restorative Dental 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? 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

PRV RS DEN 181 Dental Spanish and Latino Health (1 Unit) Spring
Instructor(s): Daniel B. Mendoza
Prerequisite(s): None

Restrictions: First-, Second-, Third-, and Fourth-Year DDS and IDP students

Activities: Lecture, Independent Study

This beginner’s course will familiarize students with the Spanish language as it pertains to the patient-dentist interaction. Students will receive didactic and case-based instruction in combination with group exercises to stimulate group practice of the language. The course will also feature guest speaker presentations on topics such as oral health disparities and providing culturally-sensitive care to Hispanic and Latinx populations.

School: Dentistry
Department: Preventive And Restorative Dental 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? No