

# PREVENTIVE AND RESTORATIVE DENTAL SCIENCES (PRV RS DEN)

## PRV RS DEN 104 Introductory Biomaterials Science (2 Units)

Offered In: Summer

*Instructor(s):* Stefan Habelitz

**Prerequisite(s):** none

**Restrictions:** ID2s

**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 (12.5 Units)

Offered In: Summer

*Instructor(s):* Nejleh Abed, Daniel Mendoza, Nejleh Abed, Rishabh Acharya, David 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)**

Offered In: Fall

*Instructor(s):* Nejleh Abed, Daniel Fried, Daniel Mendoza, Ramneek Rai, David Graham

**Prerequisite(s):** none

**Restrictions:** D1

**Activities:** Lecture

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)**

Offered In: Winter

*Instructor(s):* Nejleh Abed, Daniel Mendoza, Stefan 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 (6 Units)**

Offered In: Spring

*Instructor(s):* Nejleh Abed, Daniel Mendoza, Sunita 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 Class II, III, and IV composite preparations and restorations, PFM, 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 Prosthodontics, Crown & Bridge, & Operative (6 Units)**

Offered In: Summer

*Instructor(s):* Nejleh Abed, Daniel Mendoza, David Graham**Prerequisite(s):** none**Restrictions:** D2, ID2**Activities:** Lecture

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 (5.5 Units)**

Offered In: Fall

*Instructor(s):* Nejleh Abed, Daniel Mendoza

**Prerequisite(s):** none

**Restrictions:** D2, ID2

**Activities:** Lecture

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 Removable Prosth, Indirect and Direct Restorations, Endo (10.5 Units)**

Offered In: Winter

*Instructor(s):* Daniel Mendoza, Nejleh Abed

**Prerequisite(s):** none

**Restrictions:** D2, ID2

**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 analyzing 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 129 Implant and Pediatric Dentistry (1 Units)

Offered In: Spring

*Instructor(s):* Jean Star, Rishabh Acharya

**Prerequisite(s):** Successful completion of the first three quarters of the 2nd year curriculum.

**Restrictions:** ID2, D2

**Activities:** Lecture

In this course, students will be introduced to treatment planning for implant restorations, critically analyzing lab work for implant restorations, and using the different instruments for implant restorations will also be emphasized. In the pediatric section of this course, students will be introduced to fundamental concepts and procedures in preventive and restorative pediatric dentistry. Instruction will be given via asynchronous lecture and will be simulation-based.

**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)

Offered In: Fall, Winter, Spring, Summer

*Instructor(s):* Joel White

**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 Units)

Offered In: Spring

*Instructor(s):* Daniel Mendoza

**Prerequisite(s):** None

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

**Activities:** Lecture, Independent Study

This beginners 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?** 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?** No

## PRV RS DEN 183 Endodontics Pipeline Program (1 Units)

Offered In: Fall, Winter, Spring, Summer

*Instructor(s):* Mark Roper

**Prerequisite(s):** None

**Restrictions:** Exclusive to 2nd-year School of Dentistry students.

**Activities:** Seminar, Clinical

This pre-clinical elective course prepares 2nd-year dental students for endodontics by providing a comprehensive overview of endodontic principles. Students will gain hands-on experience with diagnostic techniques, instruments and materials, as well as learn to formulate effective treatment plans and master key clinical procedures. The course emphasizes the integration of advanced technologies, experience with natural teeth and fosters a commitment to ethical practice and patient-centered care.

**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?** No

## **PRV RS DEN 184 Dental Arabic and Middle Eastern Health (1 Units)**

Offered In: Summer

*Instructor(s):* Nejleh Abed

**Prerequisite(s):** None

**Restrictions:** D2, D3, and D4 students only.

**Activities:** Lecture

This beginners course will familiarize students with the Arabic 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 Arab and North African 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