RESTORATIVE DENTISTRY (RESD)

Courses
RESD 701. Restorative Dentistry I Lecture. 2 Units.
Terminology, morphologic characteristics, and interrelationship of permanent teeth.

RESD 701L. Restorative Dentistry I Laboratory. 2 Units.
Laboratory experiences.

RESD 702. Restorative Dentistry II. 2 Units.
Introduces mandibular movement. Relationship to the anatomy of teeth. Studies source, use, and manipulation of dental materials; and their physical properties relative to dentistry.

RESD 702L. Restorative Dentistry II Laboratory. 2 Units.
Laboratory experiences.

RESD 708. Restorative Dentistry III Lecture. 2 Units.
Basic principles and techniques of cavity preparation and restoration of teeth with silver alloy and tooth-colored restorative materials. Studies source, use, and manipulation of dental materials; and their physical properties relative to dentistry.

RESD 708L. Restorative Dentistry III Laboratory. 2 Units.
Laboratory experiences.

RESD 709. Restorative Dentistry IV Lecture. 2 Units.
Basic principles and techniques of cavity preparation and restoration of teeth with silver alloy and tooth-colored restorative materials. Introduces basic casting principles and techniques. Studies the source, use, and manipulation of dental materials; and their physical properties relative to dentistry.

RESD 709L. Restorative Dentistry IV Laboratory. 2 Units.
Laboratory experiences.

RESD 764. Removable Prosthodontics I. 2 Units.
Covers the basic concepts of treatment and management of the partially and completely edentulous patient utilizing a removable prosthesis. Covers concepts of anatomy, function, and occlusion. Removable partial denture design principles and treatment planning to understand the proper planning and sequencing of treatment for a patient requiring a combination of operative, fixed, and removable prosthodontics.

RESD 764L. Removable Prosthodontics I Laboratory. 1.5 Unit.

RESD 765. Removable Prosthodontics II. 1 Unit.
Focuses on the fundamentals of designing a removable partial denture for patients. Assists student in understanding treatment of patients with removable prosthesis through individual projects, group exercises, oral and power point presentations, and writing assignments.

RESD 765L. Removable Prosthodontics II Laboratory. 1 Unit.
Student applies concepts and fundamentals from RESD 765 to complete various projects/laboratory exercises to treat patients with removable partial dentures.

RESD 771. Single Casting Technique Lecture. 2 Units.
Basic tooth preparation for single cast restorations, including porcelain fused to metal, tissue management, impression techniques, and casting fabrication.

RESD 771L. Single Casting Technique Laboratory. 2 Units.
Laboratory experience in single casting techniques.

RESD 772. Fixed Prosthodontics Lecture. 2 Units.
Indications, treatment planning, design and fabrication of metal and porcelain-fused-to-metal restorations, including single units, fixed partial dentures, and single implant restorations.

RESD 772L. Fixed Prosthodontics Laboratory. 2 Units.
Laboratory experience in fixed prosthodontics.

RESD 773. Fixed Prosthodontics II Lecture. 2 Units.
Continues RESD 772.

RESD 773L. Fixed Prosthodontics II Laboratory. 2 Units.
Continued laboratory experience in fixed prosthodontics.

RESD 801. Fixed Prosthodontics and Occlusion. 1 Unit.
Introduces additional techniques for fixed prosthodontics, treatment planning, and repair techniques for prosthetic failures.

RESD 811. Dental Materials II. 1 Unit.
Selection and uses of current dental materials.

RESD 822. Operative Dentistry II Lecture. 1 Unit.
Indications, preparations, and placement of direct core build-up procedures (including endodontically treated teeth), atypical case gold, and complex amalgam restorations. Provides expanded teaching and hands-on laboratory practice of CAD/CAM procedures.

RESD 822L. Operative Dentistry II Laboratory. 1 Unit.
Laboratory experiences introduce students to the MARC simulator, CAD/CAM experience in tooth preparation and image capture, post and core build-up, and implant overdenture procedures; as well as further complex tooth restoration procedures.

RESD 823. Aesthetic Dentistry. 1 Unit.
Principles of dental aesthetics, adhesion to tooth tissues, preparation and placement of tooth-colored restorations in anterior and posterior teeth. Resin, gold, ceramic, and CAD/CAM restorations. Emphasizes diagnosis and treatment planning for aesthetic procedures.

RESD 823L. Aesthetic Dentistry Laboratory. 1 Unit.
Laboratory experiences focusing on dental photography, diastema closures, bleaching trays, resin restorations, and preparation of teeth for veneer restorations and temporization.

RESD 844. Restorative Study Club Seminar. 0.5 Units.

RESD 854. Implant Dentistry. 2 Units.
Focusses on diagnostic and treatment-planning procedures associated with implant dentistry, the benefits of implant dentistry, the scientific and technical foundations for implant surgery and associated advanced procedures, the peri-implant tissues, postplacement care, and clinical complications associated with dental implants.

RESD 854L. Implant Dentistry Laboratory. 1 Unit.
Laboratory experience that applies knowledge of diagnosis and treatment planning to the fabrication of radiographic and surgical templates, and provides experience with the analysis of cone-beam radiographic scans and the use of dental implant-planning software. Laboratory additionally provides an implant-placement experience using a manikin—followed by impression making, the fabrication of a working cast, and the formation of a wax pattern for a definitive restoration.

RESD 861. Senior Topics in Removable Prosthodontics. 2 Units.
Treatment planning and problem solving in removable prosthodontics and combination cases to prepare fourth-year dental students for dental practice and National Dental Board Examination Part II.
RESTORATIVE DENTISTRY (RESD)

RESD 875A. Restorative Dentistry Clinic. 1.5 Unit.
Clinical practice in the restoration of teeth and the replacement of missing teeth—including attendant diagnostic procedures, planning and sequencing of treatment, disease control procedures, and appropriate continuing-care procedures following treatment.

RESD 875B. Restorative Dentistry Clinic. 8 Units.
Clinical practice in the restoration of teeth and the replacement of missing teeth—including attendant diagnostic procedures, planning and sequencing of treatment, disease control procedures, and appropriate continuing-care procedures following treatment.

RESD 875C. Restorative Dentistry Clinic. 28 Units.
Clinical practice in the restoration of teeth and the replacement of missing teeth—including attendant diagnostic procedures, planning and sequencing of treatment, disease control procedures, and appropriate continuing-care procedures following treatment.