RIDE REGIONAL INITIATIVES IN DENTAL EDUCATION SCHOOL OF DENTISTRY

Autumn Quarter

FIRST YEAR

Course	Course Title/ Seattle Instructor	Days/Times	Spokane Faculty Position(s)	Course Overview
DENTFN 510 RIDE 509N	**Molecular and Cellular Basis of Disease - Foundation I** *(925 - 10/27)* ***S. Chung***	**Mon, Tues, Thurs 1:30 -5:20**	**Course Instructor**	This course covers a broad range of topics in molecular and cellular biology, including cell basics, enzymes, protein/carbohydrate/lipid metabolism, and cancer. Students will learn how various diseases are caused and regulated at molecular and cellular levels. Successful completion of this course will help students assess what cellular changes are responsible for diseases and how to intervene in diseases that are of importance in dentistry.
DENTFN 511 RIDE 511N	**Invaders and Defenders - Foundations 2** *(10/30 - 12/9)* ***S. Chung***	**Mon - Thurs 1:30 - 5:20**	**Course Instructor**	Students will analyze critical concepts of microbiology and immunology, in both health and disease, using content-specific language. By the completion of this course, they will be able to interpret the manifestations of host-immune and pathogen responses in common infections of global health that impact dentistry. Classes will include large-group lectures and small-group discussions of case-based studies.
DENTFN 512 RIDE 514N	**Foundations of Dental Medicine 1** *(9/24 - 10/29)* ***Doomes / Randall***	**Mon 8:00-11:50 Wed 1:30-5:20**	**Course Instructor**	This course promotes the didactic development of clinical skills that form the basis of patient centered communication, history-taking and physical assessment, and medical record documentation. Students learn interactively through classroom lecture sessions, small group discussions, group work, and case activities. They also develop culturally appropriate basic skills through an e-learning program.
DENTFN 513 RIDE 513N	**Oral Microbiology** *(11/3 - 12/8)* ***McLean / Kearns***	**Mon 8:00-11:50**	**Course Instructor**	Dental caries and periodontal diseases are the most common microbial-based diseases that dentists treat every day; therefore, future dentists must have a strong understanding of the basic microbiology behind the etiology of these diseases. This lecture course will cover many aspects of oral microbiology including oral ecology, the human microbiome, and the relationship of bacteria to human health and disease.
DENTPC 510 RIDE 510N	**Dental Anatomy** ***Newman***	**Wed 7:30-10:50 Fri 8:00-11:50**	**1. Course Instructor** **2. Lab Faculty -** *Lab Friday morning only*	This course continues to introduce students to permanent and primary tooth anatomy. The course compares the classes and types of tooth morphology and examines the influence of tooth anatomy on clinical dental procedures. Emphasis is on the development of manual dexterity, perception, and evaluative skills.

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Autumn Quarter

SECOND YEAR				
Course	**Course Title/ Seattle Instructor**	**Days/Times**	**Spokane Faculty Position(s)**	**Course Overview**
DENTFN 560 RIDE 560N	**Mind, Brain, Behavior** *(9/25 - 10/31)* ***Arce-McShane, Yang***	**MTRF 1:30-5:20**	**Course Instructor**	Students will study the structure and function of the human nervous system and its observable behavior ranging from reflexes to sensorimotor, cognitive, and social behavior. Learning is integrated in lectures, small groups, laboratory settings, and directed self-learning formats.
DENTFN 561 RIDE 561	**Lifecycle** *(11/3 - 12/12)* ***Garcia***	**MTRF 1:30-5:20**	**Course Instructor**	This course covers biomedical foundational information across the human lifespan. Students will learn biological processes governing normal human development and reproduction, as well as common disease processes and pathology of these systems. Dental practice relevancy will be emphasized when applicable.
DENTFN 562 RIDE 563N	**Foundations of Dental Med 3** ***Eslami***	**Fri 7:30-12:00**	**1. Course Instructor** **2. Lab Faculty**	This course is a continuation of Foundations of Dental Medicine 1 and 2, focusing on additional core skills necessary in dentistry. Students will practice multiple interviewing techniques and dive deeper into the care of patients with disabilities. They will also learn appropriate methods of obtaining consent from and communicating with people with cognitive, sensory, and/or other communication impairments. The course structure includes workshops, clinic, case studies, and guest lectures.
DENTPC 560 RIDE 564N	**Operative Dentistry 3** ***Sadr***	**Wed 9:30-11:50 & 1:30-4:50**	**1. Course Instructor** **2. Lab Faculty**	This course covers the surgical management of and restoration techniques for conservative one-surface, two-surface, and three-surface restorations. Students will learn how patient disease activity, risk assessment, restorative diagnosis and treatment planning, patient priorities, and anatomical variations impact the restoration of teeth. They will also learn how to apply the principles of ergonomics and patient positioning, workplace organization and safety, appropriate communication, and professional behavior to their clinical practice.
DENTPC 561 RIDE 565N	**Fixed Prosthodontics 1** ***Chen, Lepe***	**Thurs 7:30-11:50**	**1. Course Instructor** *Prosthodontist preferred* **2. Lab Faculty** *Lab 9:30 - 11:50*	This preclinical fixed prosthodontics course introduces indirect complete-coverage restorations. It combines the disciplines of fixed prosthodontics and periodontics, and connects laboratory and clinical fixed-prosthodontics content with material-science information. Lectures and reading references establish a foundation in terminology, principles of tooth preparation, clinical procedures relevant to this preclinical course, and laboratory technology. Preclinical technical experience is provided in tooth preparation, provisional restoration, and fabrication of crown designs.
DENTPC 572 RIDE 572N	**Complete Dentures 2** ***Shor***	**Mon 8:30-11:50**	**1. Course Instructor** **2. Lab Faculty**	This is the second of two companion courses in complete dentures. The first course, Complete Dentures 1, is presented in summer quarter. In both these courses, students learn the laboratory and clinical steps in the fabrication of complete dentures for edentulous patients.