

FIRST YEAR				
Course	Course Title/ Seattle Instructor	Days/Times	Spokane Faculty Position(s)	Course Overview
DENTFN 532 RIDE 538N	Renal & Respiratory (3/30 - 5/8) Silverstein	MTRF 1:30 - 5:20	Course Instructor	This course will give students an integrated understanding of the respiratory and renal systems of the body. Students will follow how oxygen and nutrients move from the environment to the tissues, and how waste products of metabolism follow the opposite path, examining the coordinated roles of the lungs and kidneys in the control and regulation of these processes and the maintenance of homeostasis. Students will consider physiology and disease processes at the level of the organ system, with a focus on the physiology and pathophysiology of the lungs and kidneys. Understanding these systems is key to understanding human health and disease for the practice of general dentistry.
DENTFN 531 RIDE 539N	GI & Endocrine (5/11-6/12) Silverstein	MTRF 1:30 - 5:20	Course Instructor	This lecture course provides a comprehensive overview of the gastrointestinal (including the liver) and endocrine systems. Understanding these systems is key to understanding human health and disease for the practice of general dentistry. Students explore relevant anatomy, histology, pathophysiology, and pharmacology. They learn how energy metabolism, nutrition, obesity, and diabetes fit into these systems.
DENTFN 533 RIDE 533N	Oral Histology and Embryology 2 Popowics	Mon 8:30 - 11:20	Course Instructor	In this second course in oral histology and embryology, dental students continue to study the development, microscopic and submicroscopic structure, and functional aspects of hard and soft oral tissues. Included are the embryonic development of the head and neck; morphodifferentiation of face and oral structures; and relationships between development and structure, and structure and function in the histology or ultrastructure of oral tissues. This knowledge is foundational to a deep understanding of human disease.
DENTPC 530 RIDE 535N	Intro to Operative Dentistry Sadr	Thurs 8:30 - 9:50	Course Instructor	This course presents basic operative topics in lecture format, preparing the student for upcoming courses that provide hands-on operative experience in the simulation labs and clinics. Students examine the underlying principles of dental health and disease, diagnosis and treatment in operative dentistry, as well as materials used in clinical practice.
DENTPC 531 RIDE 526N	Intro to Evidence- Based Dentistry Hujuel	Tues 8:30 - 9:50	Course Instructor	Evidence-based medicine (EBM) is a term which was first coined in 1992 in the "Journal of the American Medical Association." EBM emphasizes systematic searches of clinical literature and the application of formal rules of evidence evaluating the clinical literature. When EBM is applied to dentistry, it is sometimes referred to as evidence-based dentistry (EBD). The aim of this course is to familiarize the student with EBM/EBD.
DENTPC 532 RIDE 532N	Oral & Maxillofacial Radiology Theory Cowan	Tues & Thurs 10:30 - 11:50	Course Instructor	Dental radiography uses ionizing radiation. It is essential that all dental personnel maintain knowledge of radiographic techniques and radiation safety. The course reviews current knowledge of radiation physics, biology, and protection as well as imaging principles and techniques for the most common types of dental radiography. The most common pathology encountered in dental imaging will also be discussed. The course is a didactic experience and will be conducted using lectures aided by online videos.
DENTPC 533 RIDE 536N	Dental Materials Science 2 A. Chung	Wed 8:00 - 9:50	Course Instructor	This course is a continuation of DENTPC 523. Students apply their college knowledge of chemistry, physics, and biology to the basic science of materials used in dentistry, and learn compositions, properties, and manipulation techniques of biomaterials used in dental applications.
DENTPC 534 RIDE 537N	Intro to Oral Pathology Qari	Wed & Fri 10:30 - 12:20	Course Instructor	This is the first of a three-course series in oral and maxillofacial pathology that spans the first year and second years. The course introduces students to basic terminology used to study and describe oral maxillofacial diseases and conditions, and their signs and symptoms. Many of these represent oral manifestations of systemic disease. Students will build on their biomedical foundational knowledge as they explore pathological processes that affect the orofacial soft tissues. By the end of the course, as future members of interprofessional teams, students will have a deeper appreciation of the reciprocal interactions between oral health and overall health and disease.

SECOND YEAR				
Course	Course Title/ Seattle Instructor	Days/Times	Spokane Faculty Position(s)	Course Overview
DENTPC 535 RIDE 552N	Removal Partial Denture: Design <i>Zhang</i>	<i>1st Tues only</i> 9:00-10:50 & 1:30-3:20 then Thurs 9:00-10:50 <i>(through week 7)</i>	1. Course Instructor 2. Lab Faculty	This course presents the principles of removable partial denture design (RPD) for partially edentulous patient situations. The course is comprised of a series of lectures and laboratory exercises. No clinic sessions are included.
DENTPC 580 RIDE 580N	Operative Dentistry 5 <i>Sadr, Yae</i>	Wed 9:30-12:00 & 1:30-4:30	1. Course Instructor 2. Lab Faculty	This is a lecture and preclinical laboratory course that builds upon the knowledge and skills gained in DENTPC 530, 550, 560, and 570. The course introduces processes for treatment planning and restoring damaged tooth structure to proper form, function, and esthetics. Anterior teeth are managed with esthetic restorations like composite veneers, ceramic veneers, and ceramic inlays/onlays.
DENTPC 581 RIDE 581N	Fixed Prosthodontics 3 <i>Chen, Lepe</i>	Thurs 11:00-12:30 & 1:30-4:50	1. Course Instructor 2. Lab Faculty	This course is the third in a three-course sequence of preclinical fixed prosthodontics. Greater ability in planning and critical thinking is expected compared to the previous two courses. The lectures and laboratory exercises emphasize the esthetic aspects of the restoration of multiple-unit prostheses and serve as an introduction to digital dentistry. Lectures integrate the disciplines of fixed prosthodontics, periodontics, and orthodontics, as well as connect laboratory and clinical fixed prosthodontics course content with material science information. Several guest lecturers will introduce the concept of interdisciplinary treatment planning in fixed prosthodontics.
DENTPC 583 RIDE 583N	Orthodontics 2 <i>Bayirli</i>	Mon 1:30-5:20 <i>1st 3 weeks</i>	Course Instructor	This course introduces the basic principles of orthodontic diagnosis and treatment planning. It builds on the foundation laid in Orthodontics 1 (DENTPC 573).
DENTPC 584 RIDE 584N	Intro to Endodontics <i>Flake, Yap</i>	Mon / Fri 8:00-11:50	1. Course Instructor 2. Lab Faculty	This is the first endodontics course in the predoctoral dental curriculum and the only endodontics course prior to the endodontics clerkship. The course includes both didactic and laboratory components. The didactic component covers the biology, pathology, diagnosis, and treatment of pulpal and periapical pathoses. The preclinical laboratory component covers endodontic treatment techniques using extracted and artificial teeth. Endodontic treatment is performed on these teeth under clinical simulation conditions in preparation for treating patients in the Endodontics Clinic. Students must pass this course to proceed to the third-year endodontics clerkship.
DENTPC 585 RIDE 585N	Removal Partial Denture: Technique <i>Marashi</i>	<i>starting week 2</i> Tues 9:30-12:00 & 1:30-5:00	1. Course Instructor 2. Lab Faculty	Students are prepared for the procedures necessary for the provision of removable partial dentures (RPDs) in the clinical setting. Through lectures and lab sessions, they will learn to fabricate RPDs from the evaluation of partially edentulous patients to the completion and maintenance of the prostheses.
DENTPC 586 RIDE 586N	Intro to Pediatric Dentistry <i>Forsyth</i>	<i>starting week 4</i> Mon 1:30-5:20 & Tues 7:30-9:20	1. Course Instructor 2. Lab Faculty	Using lectures and laboratory sessions, this course introduces students to the main clinical aspects of pediatric dentistry. By the end of the course, students will have a basic understanding of pediatric dentistry and be ready to provide clinical pediatric dental care in the pediatric dentistry clerkship.
DENTPC 587 RIDE 587N	Periodontics 3 <i>Daubert</i>	Fri 1:30-4:20 <i>(through week 9)</i>	1. Course Instructor 2. Clinical Supervision Faculty	This multidisciplinary course serves as a continued introduction to and overview of prevention of disease in dentistry. It is the clinical application of topics covered in lecture the prior quarter (DENTPC 577). Students will see patients for preventive maintenance appointments, application of their knowledge of caries detection and treatment planning, identification of periodontal predisposing factors, and hand and power instrumentation. In addition to providing preventive maintenance treatment to patients, students will participate in other periodontal clinical exercises.