

FIRST YEAR				
Course	Course Title/ Seattle Instructor	Days/Times	Spokane Faculty Position(s)	Course Overview
DENTFN 520 RIDE 525N	Cardiovascular (2/9 - 3/20) <i>Silverstein</i>	MTRF 1:30 - 5:20	Course Instructor	This course will give students an integrated knowledge of the body's circulatory system. They will study the complete cardiovascular system with a focus on the physiology and pathophysiology of disease states. A firm foundation in this system is key to recognizing the synergy of human health and disease with the practice of general dentistry.
DENTFN 521 RIDE 521N	Introduction to Dental Public Health (1/6 - 3/3) <i>Chi</i>	Tues 9:30 - 12:00	Course Instructor	This course guides students through the process of developing critical thinking skills and addressing public health problems in dentistry. Students will critically evaluate a real-world dental public health case involving behavioral, social, ethical, and cultural elements; work collaboratively with group members to identify resources and gather information to develop a comprehensive understanding of the problem; develop hypotheses regarding the nature and complexity of the problem; prioritize goals and objectives relevant to the problem; and develop a feasible, evidence-based solution. The course will culminate in a final in-class group presentation.
DENTFN 522 RIDE 522N	Foundations of Dental Medicine 2 <i>Gordon / Sotak</i>	Wed 1:30 - 5:20	Course Instructor	This course is a continuation of DENTFN 512. It further didactically develops skills forming the basis of patient-centered communication and the development of a diagnosis and care plan. These skills include developing rapport, eliciting problem and medical histories, assessing the impact of illness, performing a physical examination, forming a problem list, and documenting and communicating with the care team. Students continue to learn the practice of professional reflection. This quarter will focus on case simulations that require utilization of acquired skills.
DENTFN 523 RIDE 523N	Oral Histology and Embryology <i>Popowics</i>	Mon & Thurs 8:30 - 11:50	Course Instructor	Students learn about the development, microscopic and submicroscopic structure, and functional aspects of hard and soft oral tissues. They gain an understanding of the embryonic development of head and neck, morphodifferentiation of facial and oral structures, 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.
DENTFN 530 RIDE 526N	Blood, Autoimmune, and Neoplasia (1/5 - 2/6) <i>Dean</i>	MTRF 1:30 - 5:20	Course Instructor	This overview of hematology, oncology, and autoimmunity addresses the biology of bone marrow, blood, and the immune system while introducing the multidisciplinary fields of rheumatology and cancer medicine. Emphasis is on oral manifestations of autoimmune diseases, head-and-neck cancers, and the oral complications of cancer therapy.
DENTPC 520 RIDE 520N	Dental Occlusion <i>Newman</i>	Wed 9:30 - 11:50 Fri 8:00 - 11:50	1. Course Instructor 2. Lab Faculty	In this lecture and laboratory course, first-year dental students learn how to recognize and develop an optimal occlusion and proper tooth anatomy. This course expands upon the knowledge and manual skills that the students learned in DENTPC 510. Waxing techniques are used to teach students the development of a proper occlusion. Students will learn about principles of anatomy, mandibular movement, occlusion, etiologies of occlusal traumatism, principles in conjunction with techniques of occlusal adjustment, and bite splint therapy.
DENTPC 523 RIDE 524N	Dental Materials Science 1 <i>A. Chung</i>	Mon 7:30 - 9:20	Course Instructor	This course teaches first-year dental students to apply their college knowledge of chemistry, physics, and biology to the basic science of materials used in dentistry. Students will learn compositions, properties, and manipulation techniques of biomaterials used in dental applications.

SECOND YEAR				
Course	Course Title/ Seattle Instructor	Days/Times	Spokane Faculty Position(s)	Course Overview
DENTPC 551 RIDE 551N	Immediate Dentures & Digital Dentistry <i>Marishi, Zhang, Schwedhelm</i>	Tues 1:30-4:50	1. Course Instructor 2. Lab Faculty	Immediate Dentures: Students will learn the basic principles of immediate dentures—from treatment planning to insertion and follow-up—and practice the procedures for the fabrication of an immediate complete denture (ICD). Digital Dentistry: Students will follow a systematic approach incorporating digital dentistry workflow systems and CAD/CAM technology into the assessment, diagnosis, and treatment planning of patients.
DENTPC 570 RIDE 570N	Operative Dentistry 4 <i>Sadr</i>	Wed 1:30-5:00	1. Course Instructor 2. Lab Faculty	The course prepares students for advanced operative dentistry to restore the lost form, function, and esthetics of teeth due to caries, trauma, and erosive tooth wear. The focus of the course is on advanced composite restorations and adhesive dentistry, but other direct restorations are also covered. The course emphasizes the interactions among patient needs and priorities, disease activity and risk, long-term tooth survival, and health maintenance based on minimally invasive dentistry concepts. As in the previous courses, this course applies principles of ergonomics and patient positioning, workplace organization and safety, appropriate communication, and professional behavior.
DENTPC 571 RIDE 571N	Fixed Prosthodontics 2 <i>Chen</i>	Thurs 7:30-12:20 & 1:30-4:20	1. Course Instructor 2. Lab Faculty	This is the second course in a three-course sequence of preclinical fixed prosthodontics. The lectures and laboratory exercises emphasize the restoration of endodontically treated teeth, preparation of multiple abutment teeth for fixed prostheses, preparation of complete ceramic crowns, and general fundamentals in treatment planning for fixed prostheses. Projects emphasize the various designs and materials for post-and-core foundation restorations as well as multiple-abutment tooth preparations for posterior fixed prostheses and multiple-unit provisional restorations. Lectures integrate the disciplines of fixed prosthodontics, endodontics, and periodontics, and they also incorporate the material sciences into laboratory techniques and clinical procedures.
DENTPC 573 RIDE 573N	Orthodontics 1 <i>Bayirli</i>	Mon 1:30-4:50	Course Instructor	This course teaches dental students about basic principles of pre- and postnatal growth and development integrated with the recognition, analysis, and treatment planning of problems encountered in dental and skeletal malocclusions.
DENTPC 574 RIDE 574N	Oral Pathology 2 <i>Pourian</i>	Tues 8:30-11:20	Course Instructor	In this course, students apply their oral pathology knowledge to clinical cases. They sharpen their preclinical skills by diagnosing lesions and formulating management plans, which then prepares them for patient care. The course has a clinical-pathologic conference (CPC) format. It emphasizes active learning and encourages two-way discussion.
DENTPC 576 RIDE 576N	Clinical Oral Radiology <i>Booth, Cowan</i>	Wed /Fri 7:30- 11:20	1. Course Instructor 2. Lab Faculty	This course is the practical application of the oral radiology theory course (DENTPC 532), which was held in spring quarter of first year. Students develop clinical dental radiography skills and learn to avoid common mistakes. They practice intraoral (periapical and bitewing) and panoramic radiographic techniques and assess the radiographs.
DENTPC 577 RIDE 577N	Periodontics 2 <i>Daubert</i>	Fri 1:30-4:30	1. Course Instructor 2. Lab Faculty	This multidisciplinary course serves as an introduction to dental disease prevention as students prepare to provide patient care in the clinic next quarter. Students learn to examine the dentition and periodontium, measure dental conditions, scale and root plane using correctly sharpened, appropriate instruments, and apply oral hygiene chemotherapeutics.
DENTPC 582 RIDE 582N	Implant Dentistry <i>Kronstrom</i>	Mon 7:30-11:50	1. Course Instructor 2. Lab Faculty	This course provides students with the opportunity to gain knowledge in implant dentistry to aid the development of their competency in managing the restoration of partial or complete edentulism using implant procedures. The preclinical and didactic portions of the course are designed to prepare students for the core of the clinical implant dentistry education curriculum at the UW School of Dentistry. The clinical activity will be directed by the Department of Restorative Dentistry and will operate as part of the comprehensive care system.