## PNWU School of Dental Medicine DMD Program Course Descriptions Year 1 Courses

Course #	Course Title	Term	Course Description	Credit
BIOMED 501/SDM 500	Scientific Foundations of Medicine	F	Scientific Foundations of Medicine (BIOMED 501) is a 12-week, 9.0 credit hour course, taught in the fall semester of OMS1; the current schedule is provided below, subject to minor revisions. Students will learn the structure and function of the human body's most basic constituents and the roles these components play in normal function and pathophysiologic processes. Additionally, students will gain a basic understanding of bacteriology, virology, mycology and parasitology with an emphasis on microbe-host interactions, infectious disease processes and response of the human body to infection. Major elements of the course include key concepts in biochemistry, embryology, genetics, histology, immunology, microbiology, molecular biology, neuroscience, nutrition and physiology with a special emphasis on integration and regulation.	9
SDM 501	Dental Anatomy and Occlusion Lecture	F	Lecture and presentation of the fundamentals of dental anatomy, morphology and classification of both primary and permanent dentition, and the concepts of ideal dental occlusion and malocclusion. Students will carve a full set of anatomically correct teeth in both self-paced and instructional laboratory settings.	1
SDM 502	Dental Anatomy and Occlusion Lab	F	Occlusion lab which will include presentation of the fundamentals of dental anatomy, morphology and classification of both primary and permanent dentition, and the concepts of ideal dental occlusion and malocclusion. Students will carve a full set of anatomically correct teeth in both self-paced and instructional laboratory settings	3
SDM 503	Preventive Dentistry	F	Clinical aspects of periodontal care and clinical skills needed to interact with patients in preventive periodontal care. Students will learn to scale and polish the coronal surfaces of teeth with hand and ultrasonic instruments.	1
SDM 504	Operative Dentistry 1 Lecture	F/Sp/Su	This is the first course in a series of three courses that introduces fundamental concepts of operative dentistry emphasizing biomaterials science and its clinical application. Minimally invasive dentistry principles, direct and indirect restorative materials/techniques, and ergonomics will be introduced focusing on the development of psychomotor skills, self-assessment, and clinical judgment.	3
SDM 505	Operative Dentistry 1 Lab	F/Sp/Su	This is the simulation lab component for SDM 504. This is the first course in a series of three courses that introduces fundamental concepts of operative dentistry emphasizing biomaterials science and its clinical application. Minimally invasive dentistry principles, direct and indirect restorative materials/ technique and ergonomics will be introduced focusing on development of psychomotor skills, self-assessment, and clinical judgment.	12

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SDM 506	Dental Materials Lecture	F	This course provides foundational knowledge of materials used in dentistry including: Dental materials specifications, evaluation programs, agencies concerned with materials and periodicals that evaluate dental materials; Structure, properties and surface activity of materials; Principles and theories of metals, polymers and ceramic materials; and Abrasion, finishing and polishing of dental materials	1
SDM 507	Dental Materials Lab	F	This course is the laboratory component of SDM 506. In this course, the students will take what is learned in SDM 506 and learn the manipulation properties of the various dental materials used in patient care.	3
SDM 508	Community Health	F/Sp/Su	The fundamentals of public health are presented including health and public health measures for health protection, protection from disease and health promotion. The surgeon general's report, 2000, updated 2019, and on the status of oral health in America is presented. WHO assessment of oral health globally is presented. Population based initiative to improve oral health are discussed with a focus on clean water and fluoride exposure. This course develops through cased based discussions led by student teams the public health issues in oral health in the Pacific Northwest, nationally and globally including access to care, social determinants of oral health, scope of practice issues, insurance and payment systems for oral health, access to fluoride, immunizations especially for HPV, and health protection for vulnerable populations such as children and elderly.	3
SDM 509	Medical Sciences	Sp/Su	In this course, students will begin to assimilate the instruction from SDM 500 and receive additional instruction on the principles of general pathology. Students will examine alterations in the biological processes and explore why disease occurs when these mechanisms are altered. Exploring these mechanisms will allow the learner to grasp the clinical manifestations of the disease processes due to alterations in the biochemical, physiologic, anatomic, and microbial processes, learned about in SDM 500. The systems pathology portion stresses the interrelationships of the organ systems and the effects a disease may have on oral health. This course will also provide instruction on the skills necessary to be part of an integrated healthcare team. Basic medical principles will be reviewed, interactions with other health professionals will be presented and how to handle medical emergencies will be covered. Medical emergency simulation and management will occur in SDM 520	4
SDM 510	Oral Clinical Sciences	Sp/Su	This course develops clinical skills forming the basis of patient-centered communication and developing 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 learn the practice of professional reflection. This course will also provide an overview of the dental specialties and disciplines that the student will encounter later in the academic program, providing a basis of understanding for when they transition into patient care activities in the D2 academic year.	6

SDM 511	Oral Basic Sciences	Sp/Su	This course will provide oral science-specific instruction, building upon the SDM 500 course. While SDM 500 provides comprehensive instruction in the general biomedical sciences, a focus on oral aspects of biomedical sciences is lacking. This course will include content on oral embryology/growth and development, oral physiology, oral microbiology, and oral immunology topics. Case-based integration of content from SDM 500 and this course in order to deliver relevant clinical correlations will be included.	8
SDM 512	Pharmacology 1	Sp/Su	This is the introductory/overview course in pharmacology. This course is designed to teach the student about basic pharmacology terminology, drug pharmacodynamics and the major classes of drugs prescribed to patients, in preparation for patient care activities in the D2 academic year. The course will also provide instruction on the pharmacology of local anesthetics used in dentistry. Enhanced instruction on the various classes of drugs, their use, and how they impact dental care will be covered in SDM 612, SDM 621 and SDM 707. The administration technique for LA will be covered in SDM 520.	2
SDM 513	Cariology	Sp	The Cariology course presents many biological aspects of dental caries, such as saliva effects, diet and nutrition and fluoride effects. The second half of the course is more clinically oriented but emphasizes theoretical aspects of clinical treatments (e.g. use of chlorhexidine as an anti-caries agent). The purpose of SDM 513 is to provide dental students with an overview of dental caries as a foundation for providing evidence-based prevention & management of this disease in clinical dental practice.	1
SDM 514	Spanish for Dental Professionals	Sp/Su	The patient population which seeks care from the School of Dental Medicine has a large proportion of Spanish-speaking individuals. This course is designed to provide the student the fundamentals of conversational Spanish and specific instruction on dental terminology, so that students can effectively communicate with Spanish-speaking patients without the need for a translator for most of the interactions	2
SDM 516	Prosthodontics 1 Lecture	Sp/Su	This is the initial course in Prosthodontics. It has a focus on the concepts of full denture care for patients. Dental students will learn to manage and treat the fully edentulous patient, so the patient is restored to a state of health, and the structures remaining will be esthetically and functionally sound and according to currently accepted treatment protocols. The lab course, SDM 517, will allow the students to apply the concepts learned in the classroom when in the simulation lab.	2
SDM 517	Prosthodontics 1 Lab	Sp/Su	LaboratorycourseinconjunctionwithSDM516.The goal of this course is to provide practical, hands-on experience designing, fabricating, and delivering a complete denture. Denture repair, relining, and rebasing will be covered. The student will also learn how to use a digital workflow to provide dentures to their patients.	6
SDM 518	IPE/Patient Evaluation	Su	This course will students the opportunity to work as part of an interprofessional team with other health professions students. Together, students will conduct new patient intake sessions with patient actors in the PNWU Simulation Center.	2

SDM 519	Oral Radiology	Su	This is a lecture course designed to introduce the first-year dental student to ionization radiation and its use in the health profession, both digital and traditional film intraoral and panoramic radiographic techniques, and descriptive terms used in dental radiography. Students will learn to take intraoral and panoramic radiographs using simulation/manikins in SDM 520. Advanced concepts in oral radiology will be covered in SDM 620.	1
SDM 520	Introduction to Patient Care	Su	The course will provide experiences and instruction of initial diagnosis, and treatment of patients in the general dentistry clinic, radiology, delivery of local anesthesia and preventative dental care. Medical emergency management will be covered in this course. Simulation and student pairing in a dental clinic will prepare the students for entry into the clinical phase of their education in Year 2, when they report to one of three community based Federally Qualified Health Clinics.	3
ANAT 505/SDM 521	Gross Anatomy	F/Sp	The purpose of this course is to provide the student with a solid knowledge base in gross, neurologic, and radiologic anatomy that is essential for preparing individuals to learn and understand the basis for clinical diagnosis and treatment practices that are imperative for becoming an effective dentist. Gross Anatomy is presented as a lecture and dissection-based course. Lecture is an important part of this course because it helps the student build a solid foundation of basic anatomic knowledge that then is utilized in the dissection laboratory where complex, three-dimensional relationships of the human body are explored. The laboratory portion of the course is a problem-based learning activity where students work in small groups to "solve the open-ended problem" of determining the identity of normal or variant structures in a unique individual.	8
SDM 522	Introduction to Clinical Practice	Su	This course will introduce students to the fundamentals of clinical practice. They will begin the development of practice management skills as they prepare for their clinical experiences. Students will learn the various elements that are required to be a successful dentist: professionalism, ethics, communication skills, and the roles of the dental team members. Students will also learn legal and regulatory issues related to dental practice, particularly related to the delegation of duties to dental auxiliaries. Infection control, aseptic technique, and safety will be reviewed. A comprehensive review of the SDM Clinic Manual will be performed in anticipation of assignment to one of the SDM's community-based clinics.	1

## PNWU School of Dental Medicine DMD Program Course Descriptions Year 2 Courses

Course #	Course Title	Term	Course Description	Credit Hours
SDM 601	Grand Rounds	Sp/Su	Grand rounds are a methodology of healthcare education and inpatient care, consisting of presenting the healthcare problems and treatment of a particular patient to an audience consisting of doctors, other healthcare providers, residents, and fellow students. The SDM Grand Rounds course is offered in the D2, D3, and D4 academic years. The course is designed to provide students, faculty and community clinic providers the opportunity to review cases being managed by the SDM students. Each student will be asked to provide a case review to their fellow SDM students, faculty and community clinic providers which will spark discussion of the case and its management.	2
SDM 602	Endodontics Lecture	F	An introduction to the specialty of endodontics. This didactic course provides an overview of the basics of endodontic therapy. It concentrates on the evidence-based practice of endodontics, covering the art and science of endodontics. Various accepted clinical techniques are taught and integrated with biological concepts and research in the area; both classic and current research is referenced. Techniques covered in this course are applied in the simulation lab in SDM 603.	1
SDM 603	Endodontics Lab	F	The laboratory portion of the introduction to endodontics course provides hands-on experience in the practice of endodontics. Both extracted and plastic teeth are used. Students are required to identify and properly use endodontic instruments. Emphasis is placed on being able to properly perform diagnostic tests, accomplish access preparations, use both hand and rotary instrumentation techniques and obdurate teeth. Radiographs of completed work and self-evaluation of results is also required.	3
SDM 604	Operative Dentistry 2 Lecture	F/Sp/Su	This course covers the surgical management of and restoration techniques for conservative direct and indirect restorations. Students will practice surgical preparation skills, the application of bonding agents, the placement of restorative materials (composites, amalgams, and glass ionomers), impression and fabrication of indirect restorations, direct gold restorations, and the finishing and polishing of restorations. They will recognize how patient disease activity, risk assessment, restorative diagnosis and treatment planning, patient priorities, and anatomical variations impact the restoration of teeth. They will apply the principles of ergonomics and patient positioning, workplace organization and safety, appropriate communication, and professional behavior to their clinical practice.	3

12	This is the laboratory/simulation course in conjunction with SDM 604. Students will perform intermediate restorative procedures covered in SDM 604 Students will practice surgical preparation skills, the application of bonding agents, the placement of restorative materials (composites, amalgams, and glass ionomers), impression and fabrication of indirect restorations, direct gold restorations, and the finishing and polishing of restorations.	F/Sp/Su	Operative Dentistry 2 Lab	SDM 605
8	This course will introduce students to oral diseases bridging the field of dentistry to medicine. Instruction will include an overview of oral and maxillofacial disease, identifying oral and maxillofacial disease pathogenesis, correlating histopathology with clinical presentation, learn when and how to refer, and interpreting a pathological report. The course will consist of classroom instruction supplemented with small group sessions. Small group sessions will be case-based reviews of the material being presented in lecture.	F/Sp	Oral Pathology	SDM 606
1	This course concerns the application of behavioral and biopsychosocial principles to the art and science of dentistry and patient management. Various types of patients and patient management techniques will be reviewed and discussed. The aim of the course is to prepare you to competently interact with patients and colleagues as you become well-rounded dental professionals.	F	Behavioral Sciences	SDM 607
1	Principles of nutrition, biochemistry, physiology, and patient care are examined within the context of health promotion, disease prevention, and treatment/care of oral diseases and conditions. Information technology, treatment planning, and patient education and counseling are introduced using the scientific method and evidence-based practice. This course will provide the student with instruction in general nutrition and nutritional biochemistry with emphasis on the effects of nutrition, dental health, diet, and application of counseling strategies. It will review issues related to nutrition and oral health in the context of chronic disease, special care patients, stages of life, health promotion, and food safety concepts. Students will keep a nutrition diary via a smart phone app during the course, recording food consumed each day.	F	Fundamentals of Nutrition	SDM 608
1	This introduction to Orthodontics provides the second year (D2) student with an overview of orthodontics, including when to refer to an orthodontic specialist. Simple tooth movement and basic concepts behind orthodontics are covered. This course also provides an introduction to clear aligner therapy. Students will learn how to make orthodontic impressions and scan and save the images.	Sp	Orthodontics	SDM 610

SDM 611	Scientific Inquiry	Sp	The Scientific Inquiry course introduces Year 2 dental students to the role of study design and statistical analysis in the conduct and interpretation of basic, clinical, and health services research. The course instructs students how to efficiently access and critically analyze scientific information, and places these skills in the context of evidence-based dental and dental hygiene practice. The course will also guide students on dental research proposal design, ethical review, and execution, in anticipation of the required student research project which will be completed between year 2 and 3. Small group sessions will be used to provide opportunities for students to apply what is provided in the classroom sessions. Students will develop a research protocol as a capstone exercise, which will be executed in the Summer and Fall of the D3 academic year. Students will present results of their research projects at the PNWU Student Research Symposium scheduled in April of each year.	1
SDM 612	Pharmacology 2	F	The course continues the content provided in SDM 512, covering principles of drug action (pharmacodynamics), metabolism (pharmacokinetics) and patient considerations (pharmacotherapeutics). Drugs targeting disease conditions are reviewed. Clinical considerations associated with specific drugs are discussed in the context of organ systems physiology. The course will consist of classroom lectures and IPE small group sessions with students from nursing, pharmacy and medicine.	1
SDM 613	Oral and Maxillofacial Surgery	Sp/Su	This course introduces the dental student to the principles of basic and complicated exodontia and impactions. The diagnosis and treatment of odontogenic infections, along with laboratory diagnosis and biopsy technique are discussed. Cysts of the jaws, their diagnosis and treatment, soft tissue and bony tumors of the oral cavity are reviewed. The discussion of the management of acute postoperative pain enables the student to deal with the problem more intelligently. Preprosthetic surgery and oral surgery in the delivery of immediate dentures will be covered. Students will learn suturing techniques and soft and hard tissue regenerative procedures through lecture and hands-on sessions.	4
SDM 614	Periodontics and Implants	Sp/Su	The focus of the course is built upon the introduction to periodontal diseases, and introduction to clinical assessment and diagnosis that was provided in SDM 520. The course will begin to build upon basic hand instrumentation skills used in diagnosis and treatment of periodontal diseases. the course focuses on the recognition, identification, and treatment of periodontal disease. Knowledge of the techniques, indications and desired outcomes of periodontal non-surgical and surgical procedures shall be obtained General principles of surgery and wound healing, surgical anatomy of the periodontium and adjoining structures, surgical diagnosis, surgical techniques and post-surgical management of periodontal disease. Biology of osseointegration and surgical replacement of implants will be introduced. Fundamentals of implant dentistry will be introduced, including types, treatment planning and surgical placement will be covered.	5

SDM 616	Prosthodontics 2 Lecture	F/Sp/Su	In this integrated course, students learn the fundamentals of preparing teeth for crowns, and the steps involved in their fabrication and the principles of removable partial denture design (RPD) for partially edentulous patient situations. Content will be presented independently during the fall and part of the spring semesters, and then become integrated together into comprehensive tooth replacement in the latter part of the spring into the summer semester. Students will also become familiar with the basic principles of immediate dentures and the procedures for the fabrication of an immediate denture (ICD). Topics will include treatment planning, laboratory steps for the fabrication of the ICD, surgical procedures, post-insertion care, and complications.	3
SDM 617	Prosthodontics 2 Lab	F/Sp/Su	Laboratory course in conjunction with SDM 616. Students will learn the basic principles of fixed and removable prosthodontics. Preparation of a teeth for full coverage; understand the principles of retention and resistance; understand the laboratory procedures important to tooth preparation: including initial impressions, final impressions, die models and articulation of the case in preparation to send to a dental laboratory. Digital workflow techniques will also be introduced. RPD design and fabrication will be covered, as will immediate denture laboratory procedures.	12
SDM 618	Pediatric Dentistry Lecture	Sp/Su	This lecture course is designed to give the basic knowledge and clinical skills necessary for management of the pediatric patient needs. This will include treatment planning and case presentation pertinent to dentistry for children, pediatric oral radiology, operative dentistry, preventive techniques and theories, pulp therapy and an overview of what to expect encountering the personality of the child patient. The course will also cover space management, oral trauma, pediatric endodontics and oral surgery, and emergency management. Clinical techniques for treating pediatric patients will be covered in SDM 619.	2
SDM 619	Pediatric Dentistry Lab	Sp/Su	This course is designed to provide specific didactic and technical knowledge to improve student's psychomotor skills previous exposure to the clinical setting. During the laboratory sessions, the student will receive concepts in preventive dentistry procedures such as sealants and preventive resin restorations, common operative dentistry in primary teeth, such as Class II and Stainless-Steel Crowns tooth prep and crown adaptation. The student will recognize space maintainer's types, design and fabrication of a band and loop appliance as well as to apply critical thinking process to provide diagnosis and alternative pulp therapy treatments options including a pulpotomy procedure in a primary molar.	6
SDM 620	Advanced Radiology	Su	This course covers dental anomalies and pathology of bone and how they present on radiographs of the head-and-neck region. The students will learn how to describe pathology in both 2D and 3D images, interpret radiographs, identify what additional imaging to order, and formulate a differential diagnosis based on the characteristics of the radiographic appearance. Course material will be provided by live lecture and small group case-based	1

			sessions. Students will also complete supplemental online modules as described on the course Moodle page.	
SDM 621	Pharmacology 3	Su	This lecture course reviews the drugs commonly taken by patients who present for dental care. Pharmacologic details will be presented in summary form along with the medical problems that can arise from the use of these drugs. The basic biomedical principles of conscious sedation will be presented with drugs used and the basic pharmacology of each drug. Monitoring of sedated patients and related medico-legal issues will be discussed in detail. The course will be taught with a combination of in class lectures and small group case-based exercises. Supplemental online content will be provided and described in the Moodle course page.	1
SDM 622	Geriatric Dentistry	Su	This course will provide content on physical, psychological and medical disorders/diseases associated with aging and strategies on the delivery of oral health care and the management of older adult dental patients presenting to the dental office. The course includes discussion of oral hygiene strategies, sensory changes, general health and behavioral management of older adult patients with special needs and cognitively impaired older adults. The course will be lecture-based. Students will complete a take- home assessment, a reflection paper, and supplemental online instruction modules. Instructions for all of these components will be posted in the course Moodle site.	1
SDM 623	Principals of Interprofessional Care	Su	Interprofessional Education (IPE) prepares students to collaborate with members of other health professions in future interprofessional patient practice (IPP) to improve patient healthcare and health outcomes. Students identify the roles and responsibilities played by other members of the healthcare team. They co-learn on teams with other health professions located at their clinical sites, applying principles of team-building dynamics to actual case analysis, role playing, and a clinical experience. Students also learn to communicate with patients and families using a team approach	1
SDM 624	Bioethics	Su	The purpose of this course is to provide the dental student with a review of ethics and ethical theoretical systems that pertain to their profession. The course will leverage content available through the American College of Dentists website. Course content will include understanding what "ethics in dentistry" means; what does "profession" as a term mean and its relationship to dentistry ethics; understanding the principles and elements that provide the foundation for ethical decision making; articulating the differences between dental ethics and dental law; understanding the ethics of financial arrangements, the delegation of duties, managed care, patient relations and substance abuse in dentistry; explore ethics normative theories and learn how to implement them when the inevitable ethical issues arise in practice; and understanding and applying dental ethics and its principles to your everyday practice.	1

SDM 630	Comprehensive Dentistry 1	F/Sp/Su	Comprehensive Dentistry is a course designed to track student clinical attendance, student clinical performance and timely patient care. Progress over the semester will be monitored through EPR reports, clinic director evaluation, and random chart audits. Student progress regarding competency assessment completion for each of the clinical disciplines will also be monitored. This data will be reviewed with the student by the clinic director at regular meetings. It is designed to reinforce the student's ability to focus on providing patient-centered care while meeting or exceeding minimum required experiences for clinical progression.	36
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## PNWU School of Dental Medicine DMD Program Course Descriptions Year 3 Courses

Course #	Course Title	Term	Course Description	Credit Hours
SDM 701	Grand Rounds	F/Sp/Su	Grand rounds are a methodology of healthcare education and inpatient care, consisting of presenting the healthcare problems and treatment of a particular patient to an audience consisting of doctors, other healthcare providers, residents, and fellow students. The SDM Grand Rounds course is offered in the D2, D3, and D4 academic years. The course is designed to provide students, faculty and community clinic providers the opportunity to review cases being managed by the SDM students. Each student will be asked to provide a case review to their fellow SDM students, faculty and community clinic providers which will spark discussion of the case and its management.	3
SDM 702	Oral Medicine	F/Sp	This course provides students with the instruction and skills necessary to provide complete dental care from assessment through treatment, for patients with urgent and emergent oral health issues; chronic or acute orofacial pain; neurosensory, chemosensory or movement disorders; or oral problems caused by treatment of cancer. The course will provide students the foundational knowledge to diagnose the common disorders of orofacial region by clinical examination and the use of adjunctive assessments as may be required, and the medical management of oro-facial disorders, including the need for referral. The course will consist of classroom lectures, case-based small group sessions, and a biopsy workshop using pig jaws, where students will learn the appropriate biopsy techniques, such as brush biopsy, incisional and excisional biopsy.	4
SDM 703	Care for Patients with Intellectual and/or Developmental Disabilities	F	Lectures on select physical, psychological and medical disorders/diseases provide instruction on the delivery of oral health care and management of patients presenting to the dental office with these particular conditions. The course includes discussion of behavioral management of patients with special needs and cognitively impaired older adults.	1
SDM 704	Advanced Oral Sciences/Clinical Medicine	F/Sp/Su	This course is designed to bring together the epidemiology, etiology, pathophysiology, histopathology, treatment, prognosis, and prevention of oral and systemic diseases. Emphasis will be placed on the integration of the concepts of microbiology, biochemistry, pathophysiology and anatomy as they relate to the disease process. Case-based IPE sessions will be used and include health professions students from other disciplines.	3

SDM 705	Advanced Restorative Dentistry Lecture	F	This course will provide didactic instruction regarding advanced restorative procedures. Principles and techniques related to complex restoration of individual and multiple anterior and posterior teeth will be presented in this course. The course will also provide instruction on intraoral photography. Tooth whitening techniques will be covered. Application of techniques covered in the lecture course will occur in the simulation lab as part of SDM 706.	1
SDM 706	Advanced Restorative Dentistry Lab	F	This course will provide simulation instruction regarding advanced restorative procedures. Principles and techniques related to complex restoration of individual and multiple anterior and posterior teeth will be presented in this course. The course will also provide instruction on intraoral photography. Application of techniques covered in the lecture course, SDM 705, will occur in this course.	3
SDM 707	Applied Pharmacology	Sp	This course will apply the knowledge of therapeutic drugs, their effects on the body, and impact on oral and overall health. The course will provide instruction on herbals, ethnic remedies, supplements and other non-pharmacological interventions used by patients. Critical thinking skills necessary to assess the need for and response to medications will be addressed. Case studies will be used to increase the student's understanding of major drug groups, the pharmacologic effects, adverse reactions and interactions that influence a patient's drug therapy relative to their oral health care.	1
SDM 708	Advanced Oral Surgery	Sp	Advanced Topics in Oral Maxillofacial Surgery which go beyond the scope of the second year course in exodontia will be presented. It will include information dealing with the complications of oro-facial diseases and trauma, and will discuss the treatment of these conditions. Descriptions of new techniques for the management of dental and oro-facial problems may also be included when relevant	1
SDM 710	Advanced Treatment Planning and Patient Care	Su	This course is designed to provide instruction on advanced case diagnosis and treatment planning. Topics include diagnosis/treatment planning, periodontal therapy including periodontal regenerative procedures, restorative dentistry, endodontic trauma treatment, and prosthodontics. Use of digital workflow techniques will be reinforced	1
SDM 730	Comprehensive Dentistry 2	F/Sp/Su	Comprehensive Dentistry is a course designed to track student clinical attendance, student clinical performance and timely patient care. Progress over the semester will be monitored through EPR reports, clinic director evaluation, and random chart audits. Student progress regarding competency assessment completion for each of the clinical disciplines will also be monitored. This data will be reviewed with the student by the clinic director at regular meetings. It is designed to reinforce the student's ability to focus on providing patient-centered care while meeting or exceeding minimum required experiences for clinical progression.	65

## PNWU School of Dental Medicine DMD Program Course Descriptions Year 4 Courses

Course #	Course Title	Term	Course Description	Credit Hours
SDM 801	Grand Rounds	F/Sp/Su	Grand rounds are a methodology of healthcare education and inpatient care, consisting of presenting the healthcare problems and treatment of a particular patient to an audience consisting of doctors, other healthcare providers, residents, and fellow students. The SDM Grand Rounds course is offered in the D2, D3, and D4 academic years. The course is designed to provide students, faculty and community clinic providers the opportunity to review cases being managed by the SDM students. Each student will be asked to provide a case review to their fellow SDM students, faculty and community clinic providers which will spark discussion of the case and its management.	2
SDM 802	Practice Management	F	Management of the non-technical aspects of a dental practice. It will consist of three components: practice management, jurisprudence, and ethics. The classes will provide students with substantive knowledge and material in the topics of business law, accounting, financial record-keeping, business planning, and practice transitions.	1
SDM 803	Advanced Topics in Patient Care	F	This course will cover advanced topics in patient care, including Lasers in Dentistry, Dental Forensics and the use of Botox/dermal fillers.	1
SDM 830	Comprehensive Dentistry 3	F/Sp	This course encompasses the clinical training aspect of the DMD program. SDM faculty will supervise DMD students as they provide comprehensive oral healthcare that encompasses all disciplines and phases of general dentistry. Students will develop a sound philosophy of comprehensive patient care applicable to the establishment of a future evidence-based general practice.	25
SDM 831	Extramural Rotations	F/Sp	This course encompasses the clinical training aspect of the DMD program while the D4 student is on extramural rotation. SDM preceptor faculty will supervise DMD students as they provide comprehensive oral healthcare that encompasses all disciplines and phases of general dentistry to patients at the extramural location. Students will develop a sound philosophy of comprehensive patient care applicable to the establishment of a future evidence-based general practice.	25
TBD	Selective Elective Courses	Sp	D4 students will be allowed to take selective or elective courses on special topics during this semester. A full list of courses available will be provided in the Spring prior so students can register for classes	TBD