

School of Dentistry: Course Descriptions Fall 2006

Department	Course Subject	Course No.	Course Title	Course Description	Credit Hrs.	Bill Hrs.	Lecture Hrs.	Lab Hrs.	Other Hrs.
Dental Administration	BSAD	5001	Behavior Science Applied to Dentistry		2	2	2		
Dental Administration	CPRD	5001	Basic Cardiac Life Support I		1	1	1		
Dental Administration	CPRD	5002	Basic Cardiac Life Support II		1	1	1		
Dental Administration	DCLK	5901	Dental Clerkship		4	4			8
Dental Administration	DIVD	5001	Diversity Issues and Language Skills for Dentistry		1	1		1	
Dental Administration	ETHD	5001	Ethics for Health Professionals		1	1	1		
Dental Administration	ETHD	5001	Ethics for Health Professionals		1	1	1		
Dental Administration	ETHD	5002	Ethics, Jurisprudence and Dentistry		1	1	1		
Dental Administration	IDDS	5001	Independent Dental Studies		1	1			2
Dental Administration	MBDL	5901	Mock Boards for Dental Licensure		1	1	0		0
Dental Administration	NSOD	5001	New Student Orientation		1	1	2		
Dental Administration	PTCR	5921	Patient Services		3	3			6
Dental Administration	PTCR	5922	Patient Services		3	3			6
Dental Administration	PTCR	5923	Patient Services		3	3			6
Dental Administration	PTCR	5924	Patient Services		3	3			6
Dental Administration	PTCR	5925	Patient Services		3	3			6
Dental Administration	PTCR	5926	Patient Services		3	3			6
Dental Administration	PTCR	5927	Patient Services		3	3			6
Dental Administration	PTCR	5928	Patient Services		3	3			6
Dental Administration	PTCR	5929	Patient Services		3	3			6
Dental Administration	PTCR	5930	Patient Services		3	3			6
Dental Administration	PTCR	5931	Patient Services		3	3			6
Dental Administration	PTCR	5932	Patient Services		3	3			6
Dental Administration	PTCR	5933	Patient Services		1	1			6
Dental Administration	PTCR	5934	Patient Services		1	1			6
Dental Administration	RDCT	5001	Research Design and Critical Thinking		2	2	2		
Dental Administration	SPDS	5001	Special Dental Studies		1	1	2	2	2
Endodontics	ENDO	5001	Fundamentals of Endodontics		3	3	2	3	
Endodontics	ENDO	5002	Endodontic Seminar		1	1	1		
Endodontics	ENDO	5901	Endodontic Clinic		0	0			0
Endodontics	ENDO	5902	Endodontic Clinic		0	0			0
Oral & Maxillofacial Surgery	OMFS	5001	Local Anesthesia		1	1	1		

Oral & Maxillofacial Surgery	OMFS	5002	Fundamentals of Oral Surgery	2	2	2	
Oral & Maxillofacial Surgery	OMFS	5003	Advanced Oral Surgery	1	1	1	
Oral & Maxillofacial Surgery	OMFS	5901	Oral Surgery Clinic	0	0		0
Oral & Maxillofacial Surgery	OMFS	5902	Oral Surgery Clinic	1	1		2
Oral & Maxillofacial Surgery	OMFS	5903	Oral Surgery Hospital Clinic	0	0		0
Oral Bio& Maxillofacial Path	DANA	5001	General and Oral Microanatomy	6	6	5	1
Oral Bio& Maxillofacial Path	DANA	5002	Applied Head and Neck Anatomy	5	5	3	3
Oral Bio& Maxillofacial Path	DANA	5003	Neuroscience	3	3	2	1
Oral Bio& Maxillofacial Path	DANA	5004	Systemic Anatomy	3	3	2	2
Oral Bio& Maxillofacial Path	DBIO	5001	Biochemical Basis of Oral Health & Disease	6	6	6	
Oral Bio& Maxillofacial Path	DBIO	5002	Molecular Biology and Craniofacial Development	2	2	2	
Oral Bio& Maxillofacial Path	DBIO	5003	Nutrition	1	1	1	
Oral Bio& Maxillofacial Path	DMIC	5001	Oral Microbiology and Infectious Disease I	3	3	3	
Oral Bio& Maxillofacial Path	DMIC	5002	Oral Microbiology and Infectious Disease II	3	3	3	
Oral Bio& Maxillofacial Path	DMIC	5003	Cariology	2	2	2	
Oral Bio& Maxillofacial Path	DPAT	5001	Applied Pathology for Dentistry	5	5	5	
Oral Bio& Maxillofacial Path	DPAT	5002	Clinical Pathology Conferences	2	2	2	
Oral Bio& Maxillofacial Path	DPAT	5003	Oral Pathology	5	5	5	
Oral Bio& Maxillofacial Path	DPHM	5001	Pharmacology and Therapeutics for Dental Practice	1	1	1	
Oral Bio& Maxillofacial Path	DPHM	5002	Pharmacology and Therapeutics for Dental Practice	5	5	5	
Oral Bio& Maxillofacial Path	DPHY	5001	Physiological Foundation for Dental Practice I	4	4	4	

Oral Bio& Maxillofacial Path	DPHY	5002	Physiological Foundation for Dental Practice II		2	2	2		
Oral Bio& Maxillofacial Path	OBMP	5001	Bioclinical Seminar I		0	0	0		
Oral Bio& Maxillofacial Path	OBMP	5002	Bioclinical Seminar		1	1	1		
Oral Bio& Maxillofacial Path	OBMP	5003	Special Topics in Oral Biology		1	1	1		
Oral Bio& Maxillofacial Path	OBMP	7210	Applied Pathology	This course includes lectures and clinico-pathological conferences on the basic principles of disease, relevant histopathology and the underlying mechanism at the cellular and subcellular levels. The topics include cell pathology, inflammatory process, hemodynamic disturbances, genetic and metabolic disorders and neoplasia. In addition, pathology of the systemic organs is covered.	3	3	3	0	0
Oral Bio& Maxillofacial Path	OBMP	7210	Applied Pathology	This course includes lectures and clinico-pathological conferences on the basic principles of disease, relevant histopathology and the underlying mechanism at the cellular and subcellular levels. The topics include cell pathology, inflammatory process, hemodynamic disturbances, genetic and metabolic disorders and neoplasia. In addition, pathology of the systemic organs is covered.	3	3	3	0	0

Oral Bio& Maxillofacial Path	OBMP	8001	Topics in Oral Biology I	This course is composed of three blocks. The first block addresses hard tissue biology in which the anatomy, physiology, and biochemistry of bone and teeth are emphasized. The second block is devoted to temporomandibular joint disorders, and emphasizes the fundamental basic science that is essential in understanding the clinical problems related to the temporomandibular joint. The third block is regeneration/repair of orofacial tissues and emphasizes growth and differentiation of hard and soft tissues and the biochemical basis of wound healing. Prerequisites: D.M.D., D.D.S., or equivalent; 2 years dental school for combined programs.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8001	Topics in Oral Biology I	This course is composed of three blocks. The first block addresses hard tissue biology in which the anatomy, physiology, and biochemistry of bone and teeth are emphasized. The second block is devoted to temporomandibular joint disorders, and emphasizes the fundamental basic science that is essential in understanding the clinical problems related to the temporomandibular joint. The third block is regeneration/repair of orofacial tissues and emphasizes growth and differentiation of hard and soft tissues and the biochemical basis of wound healing. Prerequisites: D.M.D., D.D.S., or equivalent; 2 years dental school for combined programs.	2	2	2	0	0

Oral Bio& Maxillofacial Path	OBMP	8002	Topics in Oral Biology 2	The course is composed of two blocks. The first block is hemostasis and bleeding disorders which deals with fundamental concepts in the biochemistry, anatomy and physiology of the hemostatic response and bleeding disorders. The second block is orofacial infections in which the types of orofacial infections along with the causative agents, the role of lymphatic and other anatomic structures in the spread of infection, host defense mechanisms and anti-microbial therapies are presented. Prerequisites: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8002	Topics in Oral Biology 2	The course is composed of two blocks. The first block is hemostasis and bleeding disorders which deals with fundamental concepts in the biochemistry, anatomy and physiology of the hemostatic response and bleeding disorders. The second block is orofacial infections in which the types of orofacial infections along with the causative agents, the role of lymphatic and other anatomic structures in the spread of infection, host defense mechanisms and anti-microbial therapies are presented. Prerequisites: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8003	Topics in Oral Biology 3	The course is composed of three major blocks. The first block is a series of lectures on pain and anxiety management in dentistry. The second block addresses the dental management of the medically complex patient. The third block covers salivary gland function in health and disease. Prerequisites: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.	2	2	2	0	0

Oral Bio& Maxillofacial Path	OBMP	8003	Topics in Oral Biology 3	The course is composed of three major blocks. The first block is a series of lectures on pain and anxiety management in dentistry. The second block addresses the dental management of the medically complex patient. The third block covers salivary gland function in health and disease. Prerequisites: D.M.D., D.D.S., or equivalent; 2 yrs dental school for combined programs.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8004	Topics in Oral Biology 4	The course is composed of two blocks. The first block is a series of lectures related to molecular pathology. The second block emphasizes genetics as it relates to orofacial anomalies and defects. This course is a multidisciplinary approach to these topics.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8004	Topics in Oral Biology 4	The course is composed of two blocks. The first block is a series of lectures related to molecular pathology. The second block emphasizes genetics as it relates to orofacial anomalies and defects. This course is a multidisciplinary approach to these topics.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8540	Advanced Oral Pathology	This course is comprised of a series of lectures on Advanced Oral Pathology with emphasis on the etiology, mechanisms, and state of the art diagnostic measures and prognostic evaluation.	2	2	2	0	0
Oral Bio& Maxillofacial Path	OBMP	8540	Advanced Oral Pathology	This course is comprised of a series of lectures on Advanced Oral Pathology with emphasis on the etiology, mechanisms, and state of the art diagnostic measures and prognostic evaluation.	2	2	2	0	0

Oral Bio& Maxillofacial Path	OBMP	8640	Research Proposal Development	This course presents the entering oral biology graduate students with the range of opportunities available on campus (facilities, faculty, and instrumentation/techniques) to them to pursue for the purposes of fulfilling their master's or doctoral research requirements. Additional topics to be covered include fundamentals of computer literacy required to develop, present, and perform an acceptable, graduate-level research project: word processing, spreadsheet software, computer presentation programs, and reference management. Also, the student will be presented with facilities to perform on-line data searching. A series of short presentations concerning frequently utilized statistical methods will be presented. The student will also be introduced to the basics of structure, organizations, and format of an acceptable research proposal and manuscript.	2	2	2	0	0
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Oral Bio& Maxillofacial Path	OBMP	8640	Research Proposal Development	This course presents the entering oral biology graduate students with the range of opportunities available on campus (facilities, faculty, and instrumentation/techniques) to them to pursue for the purposes of fulfilling their master's or doctoral research requirements. Additional topics to be covered include fundamentals of computer literacy required to develop, present, and perform an acceptable, graduate-level research project: word processing, spreadsheet software, computer presentation programs, and reference management. Also, the student will be presented with facilities to perform on-line data searching. A series of short presentations concerning frequently utilized statistical methods will be presented. The student will also be introduced to the basics of structure, organizations, and format of an acceptable research proposal and manuscript.	2	2	2	0	0
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Oral Bio& Maxillofacial Path	OBMP	9010	Graduate Oral Biology Seminar	This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.	1	1	1	0	0
Oral Bio& Maxillofacial Path	OBMP	9010	Graduate Oral Biology Seminar	This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.	1	1	1	0	0
Oral Bio& Maxillofacial Path	OBMP	9020	Graduate Oral Biology Seminar	This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.	1	1	1	0	0
Oral Bio& Maxillofacial Path	OBMP	9020	Graduate Oral Biology Seminar	This course consists of several one hour seminars that will be presented by dental faculty, graduate students and invited lecturers. The seminar topics will be related to the research being conducted by each presenter.	1	1	1	0	0
Oral Bio& Maxillofacial Path	OBMP	9210	Investigation of a Problem	The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9210	Investigation of a Problem	The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9210	Investigation of a Problem	The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.	1	1	0	0	0

Oral Bio& Maxillofacial Path	OBMP	9210	Investigation of a Problem	The student works with individual faculty members on a specific investigative research problem. This provides an introduction to analytical techniques and the scientific method in action.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9300	Research	The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of the PhD disseration or MS thesis. Prerequisites: Permanent assignment to a specific lab with a faculty advisor and a defined research project.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9300	Research	The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of the PhD disseration or MS thesis. Prerequisites: Permanent assignment to a specific lab with a faculty advisor and a defined research project.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9300	Research	The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of the PhD disseration or MS thesis. Prerequisites: Permanent assignment to a specific lab with a faculty advisor and a defined research project.	1	1	0	0	0
Oral Bio& Maxillofacial Path	OBMP	9300	Research	The student works closely with his faculty thesis/dissertation advisor on an in-depth study of a research problem of interest to both student and advisor. This course culminates in the preparation of the PhD disseration or MS thesis. Prerequisites: Permanent assignment to a specific lab with a faculty advisor and a defined research project.	1	1	0	0	0
Oral Diagnosis	EDSC	5901	Emergency Dental Services		1	1			1

Oral Diagnosis	ODOM	5001	Principles of Personal Prevention	1	1	1		
Oral Diagnosis	ODOM	5002	Oral Diagnosis I	1	1	1		
Oral Diagnosis	ODOM	5003	Oral Medicine: The Medically Compromised Patient	3	3	3		
Oral Diagnosis	ODOM	5005	Senior Comprehensive Care Case Presentations	1	1	1		
Oral Diagnosis	ODOM	5901	Oral Medicine Clinic	0	0			0
Oral Diagnosis	ODOM	5902	Oral Medicine Clinic	1	1			2
Oral Diagnosis	ORPR	5001	Orientation to the Profession and Ethics	1	1	2		
Oral Diagnosis	RADD	5001	Radiology	2	2	2	1	
Oral Diagnosis	RADD	5002	Dental Radiologic Interpretation	2	2	2		
Oral Diagnosis	TXPL	5001	Treatment Planning I	1	1	1		
Oral Diagnosis	TXPL	5002	Treatment Planning II	1	1	1		
Oral Rehabilitation	CDCL	5001	Complete Dentures	3	3	1	1	3
Oral Rehabilitation	CDPR	5001	Preclinical Completed Dentures	1	1	0	0	
Oral Rehabilitation	DMAT	5001	Dental Materials	2	2	2	1	
Oral Rehabilitation	ESTD	5001	Esthetic Restorative Dentistry	2	2	1	1	
Oral Rehabilitation	FIXP	5001	Fixed Prosthodontics I	5	5	2	6	
Oral Rehabilitation	FIXP	5002	Fixed Prosthodontics II	6	6	2	6	
Oral Rehabilitation	GERD	5001	Introduction to Geriatric Dentistry	2	2	2		
Oral Rehabilitation	OCCL	5001	Dental Anatomy and Occlusion	7	7	4	5	
Oral Rehabilitation	OCCL	5002	Occlusal Analysis	3	3	1	1	2
Oral Rehabilitation	OCCL	5003	Diagnosis and Treatment of Temporomandibular Disorders	2	2	1	1	
Oral Rehabilitation	OCCL	5901	Occlusion Clinic	0	0			0
Oral Rehabilitation	OPER	5001	Operative Dentistry	1	1	0	0	
Oral Rehabilitation	PADM	5001	Introduction to Operatory Procedures	1	1	1		
Oral Rehabilitation	PADM	5002	Principles and Practice of Small Business Administration	2	2	2		
Oral Rehabilitation	PADM	5003	Principles and Practice of Small Business Administration	3	3	3		
Oral Rehabilitation	PROS	5001	Advanced Prosthodontics	3	3	2	1	
Oral Rehabilitation	PROS	5901	Prosthodontics Clinic	0	0			0
Oral Rehabilitation	REST	5001	Fixed Prosthodontic Seminar	1	1	1		
Oral Rehabilitation	REST	5002	Restorative Seminar	0	0	0		
Oral Rehabilitation	REST	5901	Restorative Clinic	2	2			0
Oral Rehabilitation	RPDP	5001	Removable Partial Dentures	1	1	0	0	
Orthodontics	ORTH	5001	Orthodontics I	2	2	2	1	
Orthodontics	ORTH	5002	Orthodontics II	2	2	2		
Orthodontics	ORTH	5901	Orthodontic Clinic	0	0			0

Patient Services	PTSR	5901	Introduction to Patient Services	2	2	0	0
Patient Services	PTSR	5902	Patient Services	0	0		0
Patient Services	PTSR	5903	Patient Services	1	1		2
Pediatric Dentistry	PEDD	5001	Preclinical Pediatric Dentistry	3	3	3	1
Pediatric Dentistry	PEDD	5002	Pediatric Dentistry Seminar	1	1		1
Pediatric Dentistry	PEDD	5003	Dentistry for the Disabled Patient	1	1	1	
Pediatric Dentistry	PEDD	5901	Clinical Pediatric Dentistry	0	0		0
Pediatric Dentistry	PEDD	5902	Clinical Pediatric Dentistry	2	2		4
Periodontics	IMPL	5001	Introduction to Oral Implantology	1	1	1	
Periodontics	PERI	5001	Fundamental of Periodontology	2	2	2	
Periodontics	PERI	5002	Non-Surgical Periodontics	1	1	1	
Periodontics	PERI	5003	Surgical Periodontics	1	1		1
Periodontics	PERI	5004	Periodontology in a General Practice	2	2	2	
Periodontics	PERI	5901	Periodontic Clinic	1	1		1
Periodontics	PERI	5902	Periodontic Clinic	1	1		2
School of Dentistry	DPAT	5004	Clinical Oncology	1	1	1	
School of Dentistry	DPHM	5003	Pharmacology Seminar	1	1	1	
School of Dentistry	ODOM	5004	Oral Medicine	1	1	1	
	COMC	5901	Comprehensive Care	14	14		28
	COMC	5902	Comprehensive Care	15	15		30

