

Master's Degree in Dental Science: Transitional and Clinical Dental Science

Core (Required) Curriculum_ - 12 credits

COURSE #	COURSE TITLE	COURSE CREDITS
BST 463	Introduction to Biostatistics	4
BST 464	Statistical Methods for Biomedical Applications	4
IND 503	Ethics in Professional Integrity – Clinical	1
ORB 556	Biology of the Periodontium	1
ORB 580	Fundamentals of Dental Caries	1

Required Research

COURSE #	COURSE TITLE	COURSE CREDITS
ORB 495	Master's Research	12

Elective Curriculum – minimum of 6 credits

COURSE#	COURSE TITLE	COURSE CREDITS
ORB 570	Oral Epidemiology I: Introduction and Principles	1
ORB 557	Oral Epidemiology II: Research Design and Analysis	1
ORB 493	Oral Microbiology	2
ORB 558	Craniofacial Growth and Development	1
ORB 563	Pharmacology and Therapeutics	1
LAM 402	Laboratory Animal Experiments	1
ORB 579	Saliva and Salivary Glands	2
ORB ???-1	Dental Specialty Seminar-Literature Review	1
ORB ???-2	Dental Specialty Seminar-Literature Review	1
ORB ???-3	Dental Specialty Seminar-Literature Review	1
ORB ???-4	Dental Specialty Seminar-Literature Review	1
PM 411	Health Care for the Elderly, Financing & Organization	3
PM 413	Field Epidemiology	3
PM 414	History of Epidemiology	3
PM 416	Epidemiologic Methods	3
PM 417	Molecular Epidemiology	3
PM 419	Recruitment and Retention of Human Subjects	3
PM 438	Practical Skills in Grant Writing	3
PM 441	Conducting Research on Elderly People	3
PM 458	Qualitative Health Care Research	3
PM 462	Introduction to Translational Research Methods	3
PM 488	Experimental Therapeutics	3

Required Workshop_ – 1 of the following:

COURSE #	COURSE TITLE	COURSE CREDITS
PM 449	Writing workshop	0
PM 478	Workshop in Scientific Writing	0

Required Seminars

COURSE #	COURSE TITLE	COURSE CREDITS
	Clinical and Translational Dental Research Seminar	0

Other courses may be approved prior to registration by the Director of the Masters' Program.

Revised: 11/7/11