

## Doctorate of Science in Public Health

**Department:** Pediatric Dentistry and Dental Public Health

**Program Aims:** This program provides students with the thorough academic and practical experience that will enable them to meet the public health challenges in everyday practice. The program focuses on research and prepares the students for a career in teaching, research and analysis of trends in health and diseases for population.

### a. Compulsory courses

#### Semester I

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
PUBH501	Public Health	15	2	0	2	2	4	60	2	2
PUBH502	Introduction to Epidemiology	15	2	0	2	2	4	60	2	2
PUBH503	Health Care Management & Finance	15	2	0	2	2	4	60	2	2
PUBH504	Oral Disease & General Health	15	2	0	2	2	4	60	2	2
PUBH505	Nutrition & Dental Health	15	2	0	2	2	4	60	2	2

#### Semester II

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
PUBH601	Health Care of Special Populations	15	2	0	2	2	4	60	2	2
PUBH602	Prevention & Control of Dental Disease	15	3	0	3	2	5	75	3	3
PUBH603	Health Education	15	2	0	2	2	4	60	2	2
PUBH604	Occupational & Environmental Health	15	2	0	2	2	4	60	2	2
PUBH605	Social & Cultural Determinants of Health Behavior	15	2	0	2	2	4	60	2	2
PUBH606	Advanced Biostatistics	15	3	0	3	2	5	75	3	3

#### Semester III

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
PUBH701	Seminars in Preventive Dentistry	15	2	0	2	2	4	60	2	2
PUBH702	Introduction to Dental Epidemiology	15	2	0	2	2	4	60	2	2
PUBH703	Administration in Dental Public Health	15	2	0	2	2	4	60	2	2
PUBH704	Evidence Based Practice	15	3	0	3	2	5	75	3	3

#### Semester IV

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
PUBH801	Advanced Dental Epidemiology	15	3	0	3	2	5	75	3	3
PUBH802	Field studies in Dental Epidemiology	15	0	6	6	0	6	90	3	3
PUBH803	Community Dental Health Promotion	15	0	6	6	0	6	90	3	3
PUBH804	Dental Care Policy & Delivery Systems	15	2	0	2	2	4	60	2	2
PUBH805	Oral Health Program Planning & Administration	15	2	4	6	4	10	150	4	5

### b. Research courses

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
BRC101	Evidence Based Dentistry	15	1	0	1	4	5	75	1	3
BRC102	Research Methodology	15	1	0	1	4	5	75	1	3
BRC103	Systematic Review & Meta Analysis	15	1	0	1	4	5	75	1	3
BRC104	Biostatistics for Health Care Researchers	15	1	0	1	4	5	75	1	3
BRC105	Information Technology & Teaching Skills for Health Care Researchers	15	1	0	1	4	5	75	1	3
BRC106	Ethics for Biosciences	15	1	0	1	2	5	45	1	3

### c. Elective courses

#### Humanities & Management Skills

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ELCT101	Management In Dental Practice	15	1	0	1	4	5	75	1	3
ELCT102	Resources Management Introduction To Human	15	1	0	1	4	5	75	1	3
ELCT103	Introduction To Quality Management	15	1	0	1	4	5	75	1	3
ELCT104	Introduction To Hospital Management	15	1	0	1	4	5	75	1	3
ELCT105	Introduction To Marketing	15	1	0	1	4	5	75	1	3
ELCT106	Sustainable Development And Environment Management	15	1	0	1	4	5	75	1	3
ELCT107	Professional Behaviour And Leadership Skills	15	1	0	1	4	5	75	1	3

## Sciences & Skills

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ELCT201	Stem Cell Applications And Tissue Engineering	15	1	0	1	4	5	75	1	3
ELCT202	Laser In Dentistry	15	1	0	1	4	5	75	1	3
ELCT203	Infection Control And Hospital Acquired Infection	15	1	0	1	4	5	75	1	3
ELCT204	Management Patient Safety And Risk	15	1	0	1	4	5	75	1	3
ELCT205	Clinical Photography And Case Presentation	15	1	2	3	2	5	75	2	3
ELCT206	Dental Informatics	15	1	0	1	4	5	75	1	3
ELCT207	Management Of Patients With Special Needs	15	1	0	1	4	5	75	1	3
ELCT207	Forensic Dentistry	15	1	0	1	4	5	75	1	3
ELCT208	Comparative Dental Anatomy	15	1	0	1	4	5	75	1	3
ELCT209	Nutrition	15	1	0	1	4	5	75	1	3
ELCT210	Neuroscience	15	1	0	1	4	5	75	1	3
ELCT211	Application Of Interactive Computed Tomography In Dentistry	15	1	0	1	4	5	75	1	3
ELCT212	Experimental Animal Model	15	1	0	1	4	5	75	1	3
ELCT213	Psychology Of The Children	15	1	0	1	4	5	75	1	3
ELCT214	Technology In Oral Diagnosis Modern Emerging	15	1	0	1	4	5	75	1	3
ELCT215	Oral Health Education And Preventive Dentistry	15	1	0	1	4	5	75	1	3
ELCT216	Geriatric Dentistry	15	1	0	1	4	5	75	1	3

SWL: summative workload

Students should study elective courses to complete 120 credit points. Each credit point is equivalent to 28 workload hours.

### Students' assessment:

<b>Methods of assessments:</b>
<b>Written Exam</b>
<b>Practical Exam</b>
<b>Oral Exam</b>