



DOW UNIVERSITY OF HEALTH SCIENCES

SCHOOL OF POSTGRADUATE STUDIES

PROGRAM SPECIFICATION – PHD COMMUNITY DENTISTRY

Introduction of Institute & Program

Post-graduation at the Dow University of Health Sciences in Karachi offers advanced academic and clinical training across various medical, dental, public health, and management disciplines.

The School of Post Graduate Studies (SPGS) manages advanced degree programs range from basic medical sciences and clinical sub-specialties to public health, nursing, and health business administration.

PhD in Community Dentistry is specifically designed for the dental surgeons having masters/ M. Phil level degrees who wish to develop their careers in research and teaching in this particular specialty. The program's main aim is to equip our postgraduates with the tools to progress beyond research degree into influential positions within academia, industry, and consultancy. This PhD program is designed by combining theoretical as well as practical training.

The first years of the program are based on various taught courses to equip students with working knowledge of basic concepts and research paradigms in that scientific area, a working vocabulary, and the basis for continuous learning. Whereas students will conduct research work and thesis write-up under the guidance of a relevant supervisor during the second, third and fourth years.

This program includes different core courses that deal with advanced level of research methodology in dental public health and community dentistry, oral health promotion, oral health risk assessment, advanced epidemiology, communication skills, in-field and outreach techniques for delivery of oral health care, and statistical methods. In addition, the coursework will enable students to review and write scientific papers

This program will enable scholars to conduct independent investigative research in a range of areas, such as:

- Oral diseases in connection to general systemic health and disease conditions.
- Childhood dental issues having larger impact on their development and growth.
- Oral healthcare financing and proposed cost-effective strategies in oral health care.
- Role of nutrition in oral health having impact on larger population.



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	•Prevention of oral cancers, periodontal infections and dental caries largely affecting the population. •Diagnostic and screening techniques for oral health care in community.
Course Title (As approved by PM&DC/HEC)	Doctor of Philosophy (PhD) Community Dentistry
Course Duration	3 – 8 Years (BASR may extend the duration upon genuine reasons)
Type of Study	Full-time degree program
Study System	Semester system
Total Credit Hours	24 credit hours (coursework) + 30 credit hours (research work)
Credit Hours Distribution –Semester Wise	Year 1/Semester-1=12 credit hours Semester-2= 12 credit hours
Study Hours Distribution	Contact sessions: 16 weeks; Semester Break: 2 weeks; Examination: 2 weeks; Semester Break: 1 week Working Days = 8:30 am - 3:00 pm (except Friday)
Teaching Hours Distribution	Lectures, self-directed learning, lab and in field training, facilitation
Modules Detail with Credit Hours	Semester 1 • Research Methodology • Biostatistics in Health & Medicine • Epidemiology • Oral Health Promotion and Risk Assessment Semester 2 • Further Epidemiological Methods • Advance Biostatistical Methods • Global Oral Health • Advanced Community & Preventive Dentistry Each course holds 3 credit hours
Assessment of Student	Continuous Internal Assessment = 30 % Final Examination = 70% Total = 100%
Teaching Institution	School of Postgraduate Studies
Degree Awarding Institution	Dow University of Health Sciences, Karachi