

Postgraduate Program in Community Oral Health

In 2000, the Secretariat of the Council for Dental Education and Postgraduate in Iran recognized

Community Oral Health as a postgraduate discipline in dentistry. Tehran University of Medical

Sciences started Community Oral Health training in 2001 for undergraduate students.

The Department of Community Oral Health currently offers training at undergraduate and postgraduate levels for local students. The program has six full-time academic members who have graduated in Community Oral Health (Ph.D. level) from high-quality international dental schools and two Pediatric Dentistry Specialists. At the international level, two advanced training programs are offered as the post-graduate programs.

Degree awarded: Ph.D. in Community Oral Health

Duration: 4 years, full-time

Curricular Design: Training will be provided at the dental school with collaboration of the faculty of TUMS School of Public Health. This program consists of three stages.

Coursework in the first two years consists of 11 complementary (for completion of DDS course and as pre-requisite for compulsory credits) and 29 compulsory credit units. The following two years is devoted to research with 24 study credits including the preparation of an article-based thesis on original research.

The graduates of the program have the opportunity to work as researchers in research centers, provincial community health and oral health centers, or to work as academics at the university level.

Courses of Study:

The complementary courses leading to 374 hours of education are:

- Introduction to Preventive Dentistry (2)
- Principles of Biostatistics (2)
- Principles of Epidemiology (2)
- Demography (1)
- Medical Ethics and Professionalisms (1)
- Nutrition (2)
- Information Technology in Medicine (1)

TUMS International Educational Affairs

The following 29 compulsory courses are taught as theoretical or practical courses or workshop, workshops and practical courses leading to almost 1357 hours of education. □ Advanced Epidemiology (4)

- Oral Epidemiology (2)
- Advanced Biostatistics (4)
- Advanced Preventive Dentistry (3)
- Research ethics (1)
- Health Sociology (2)
- Psychology and Behavioral Science (2)
- Health Economics (2)
- Public Health (2)
- Health Management (5)
- Health Care Systems in the World (2)

The final 24 courses are related to thesis and results into 816 hours of education.

- Applied Biostatistics (1)
- Scientific Writing (2)
- Journal Club (3)
- Thesis (18)

Main Areas of Research

- Epidemiological studies of oral health problems (dental caries, periodontal disease, oral cancer, trauma, malocclusion) in different age groups
- Planning and evaluating of oral health promotion programs for populations
- Designing and evaluating dental care delivery systems
- Communicating and collaborating with other health related sectors
- Preparing evidence based on oral health promotion guidelines
- Taking advantage of the modern technology to optimize the quality of preventive care
- Evaluating and designing oral health surveillance systems
- Evaluating the need for human resources in oral health care systems
- Evaluating and revising dental curriculums
- Planning and evaluating new educational methods in dental education
- Evidence-based dentistry
- Incorporation of ethical standards and professionalism in oral health activities and education □ Preventive and non-invasive management of caries