

UNIVERSITY OF PERNAMBUCO
COLLEGE OF DENTISTRY OF PERNAMBUCO

Program: Dentistry (25004018006P8)

Level: Master's and PhD degree

CAPES evaluation note: 4

Access: annual public selection

Target group: dental professionals

Coordination: Prof. PhD Belmiro Cavalcanti do Egito Vasconcelos

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General lines: <http://www.upe.br/stricto-sensu2/121-industriax/project-4/452-mestrado-e-doutorado-em-odontologia>

HISTORY AND CONTEXT OF THE PROGRAM

The dental program began in 1972 with master's degrees and in 1986 established the doctorate, a pioneer in the Northeast of Brazil, with diversity in specialties enabling a differentiated training in the qualification of teachers and researchers. The indicators demonstrate its importance in the formation of human resources, in particular, teachers who today composes the permanent staff of public and private universities in the country. Also in recent years, the work team emerges with reference publications in national and international context.

GOALS

- Form human resources for teaching and research, with technical training, scientific and innovative vision capable of working in the academic, government departments and agencies, and technological innovation companies.

- Encourage the participation of its faculty and students in activities that promote the internationalization with the creation or strengthening of study groups with participation of international researchers.
- Generate knowledge and develop actions to solutions to health problems that affect our society, observing the national and international policies for prevention and control.

CURRICULUM PROPOSAL

The program is currently distribute in two educational aspects: one common to all areas (ORAL AND MAXILLOFACIAL SURGERY, DENTISTRY-ENDODONTICS AND PEDIATRIC DENTISTRY) and other specific competence in the areas of concentration. The common part consists of five disciplines: BIOETHICS, BIOSTATISTICS, TEACHING IN HIGHER EDUCATION, RESEARCH METHODS IN HEALTH AND INTERNSHIP DOCENTE, all required in the first year of the course. The disciplines of the specific parts are Oral and Maxillofacial Surgery and Traumatology Maxillofacial (SEMINARS ADVANCED IN ORAL AND MAXILLOSURGERY I AND II, CRITICAL READING, BIOSTATISTICS APLIED, RESEARCH PROJECT I AND II, TEACHER TRAINING AND THESIS AND / OR DISSERTATION). Dentistry-Endodontics (CRITICAL READING, BIOSTATISTICS APLIED, RESEARCH PROJECT I AND II, ADMINISTRATION IN PROJECT AND FOMENTO RESEARCHS I AND II, CONTROLLED CLINICAL STUDIES, METHODOLOGY APPLIED RESEARCH IN DENTISTICS-ENDODONTICS, SEMINARS ADVANCED IN DENTISTIC-ENDODONTICS AND THESIS AND/OR DISSERTATION). Pediatric Dentistry (CRITICAL READING, BIOSTATISTICS APPLIED IN PEDIATRIC DENTISTRY, RESEARCH PROJECT I AND II, FORMATION OF TEACHERS, SEMINARS ADVANCED IN PAEDIATRIC DENTISTRY I AND II, METHODOLOGY APPLIED RESEARCH IN PEDIATRIC DENTISTRY AND THESIS AND / OR DISSERTATION).

The program DENTISTRY IN MASTER LEVEL AND DOCTORATE is organized and based on three **RESEARCH LINES**, which are:

1. **DETERMINANTS OF THE PROCESS OF HEALTH AND DISEASE** -
This line of research includes projects that approach health determinants in

epidemiological bases, prevention, diagnosis, treatment and prognostic factors of disease; besides the planning and promotion of health.

2. **STUDY OF BIOMECHANICAL, BIOCOMPATIBILITY AND BIOFUNCTIONALITY OF MATERIALS USED IN HEALTH** - This line of research includes projects that approach investigations on mathematical models, in vitro and in vivo, application of biomaterials and techniques through evaluation of physical, chemical and biological properties.
3. **STUDY OF SURGICAL AND THERAPEUTIC TECHNIQUES IN DENTISTRY** - This line of research includes projects that address the clinical and laboratory assessment techniques, instruments, therapies and drugs in dentistry.

PROFILE OF EGRESSO

- Must work in teaching with ability to develop teaching, research and extension;
- Develop research with critical and ethical sense, in addition to multi and interdisciplinary character, in order to connect knowledge in dentistry and other areas of health;
- Develop research that transform and benefit the society;
- Be professional committed to the mission of the university in the country's development, providing advancement of scientific knowledge;
- To train professionals with innovative profile that seek qualification and continuous improvement to develop their leadership skills.

NOTE: PROFILE 2016