

## Medicine

**Mission:** The Medicine Program belongs to the Health Sciences Faculty at the Universidad Tecnológica de Pereira, and is committed to train professionals at the undergraduate level, focused on the care, dignity and respect for humans.

**Vision:** By 2015, the Medicine Program of the Health Sciences Faculty at the Universidad Tecnológica de Pereira will maintain the highest quality accreditation and will have international recognition.

**General Objective:** Training Medical Doctors with the ability to confront and effectively manage health and disease situations at an individual, family and community level.

### Specific Objectives

- Provide knowledge and clinical skills in diagnosis, treatment and rehabilitation, that lead to a comprehensive medical professional with the ability to solve individual health problems with a biopsychosocial approach
- Provide knowledge and skills in public health that lead to a medical professional with the ability to solve collective health problems with a biopsychosocial approach through health promotion and disease prevention.
- Provide the means to train a medical professional with reflective thinking and critical of the medical knowledge and of other disciplines.
- Develop strategies to train a medical professional with a sense of self learning, updated, and creative.
- Provide knowledge and skills in research to form a medical professional working in the search for alternative solutions to health problems of the individual, the family and the community.
- Provide means for training medical professionals who can lead and participate in inter and multidisciplinary teams.
- To encourage in the future MD a full respect for the ecosystem and work in a context of sustainable development
- Provide the knowledge to stimulate health educators with the ability to be able to communicate, using educational strategies for promoting health, preventing disease risk factors involved and promote behavior change by helping to improve the quality of life of individuals , families and communities.

### Professional Profile

The future graduates of the Faculty shall be:

- Respectful of life, human dignity and rights of the patient.
- Kind, pursuing primarily the welfare of the healthy or sick, the family and the community.

- Wise in the discernment that requires the science, human and social development.
- Independent and morally and legally responsible in making decisions.
- Committed to his dedication to service.
- With solidarity towards the social and health problems of individual, family and community.
- Respectful of the knowledge and the role of colleagues and other health team members.
- Critical of the socio-economic, administrative, ecological and political factors that affect health and professional practice.
- Able to solve major health problems with a holistic approach to biological concepts, psychological and social.
- Able to guide the knowledge acquired into practice teamwork and contribute to the health education of the individual, family and community.
- Learner, observer and constant; with the ability to become a self learner and adapt to the changes that occur in a scientific, technical, administrative, and social level.
- Committed to his alma mater, involving the University with the community and vice versa.

### Occupational Profile

The future professional will have the knowledge, skills and attitudes in the five basic components of education; so that he/she is a competent professional that identifies and intervenes in the health problems of individual, family and community.

### Research Groups:

- Water Activities for Sports and Health.
- Biotanatology.
- Molecular Biology and Biotechnology Center. CENBIOTEP.
- Surgical Sciences.
- Clinical Memory, Dementia and normal aging.
- Community and Risks.
- Culture of Health.
- Endocrine and Metabolic Diseases.
- Epidemiology, Health and Violence.
- Drug-epidemiology and Drug-watch.
- Drug-genetics.
- Cellular and Applied Physiology.
- Infection and Immunity.
- Pneumology
- Neuroscience.
- Semiology
- AIDS and Other Infectious Diseases.
- Vulnerability and Public Health.

Fuente: <http://www2.utp.edu.co/english/academic-programs/93/medicine>



Universidad Tecnológica  
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