

THERAPY VS IMAGING TRACKS

A student is admitted to either the imaging or the therapy track. Students in the imaging track learn about the basic principles and radiological practice using noninvasive imaging systems. Topics include production of x-rays, interaction of radiation with matter, and the physics of imaging using computed tomography, ultrasound, and magnetic resonance.

Students in the therapy track learn about the physics and clinical elements that contribute to the development of computerized treatment plans in radiation therapy. In addition, students will be given an introduction and an overview of all the clinical processes and the basic safety training.

CLINICAL/ RESEARCH FACILITIES

UT Health San Antonio has enjoyed innovative partnerships within the community and has excelled at fostering mutually beneficial, collaborative arrangements with its primary teaching hospitals in San Antonio - the University Hospital and clinics of the University Health System, the Audie L. Murphy Division of the South Texas Veterans Health Care System (VA) and Christus Santa Rosa Hospital and its military partners - Wilford Hall and the Brooke Army Medical Center. The university also has an NCI designated cancer center-the UT Health San Antonio MD Anderson Cancer Center along with a Research Imaging Institute on campus.



We Make Lives Better.

Graduate School of Biomedical Sciences

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For more information, visit:
gsbs.uthscsa.edu/graduate_programs/dmp

DOCTORATE OF MEDICAL PHYSICS GRADUATE PROGRAM



ABOUT THE PROGRAM

The Professional Doctorate program in Medical Physics (DMP) aims to enhance and standardize clinical training for medical physicists.

The DMP is a professional degree that prepares students for a clinical career in imaging or therapeutic medical physics. This four-year degree program is similar in structure to other professional degrees (such as a MD, DDS or DVM) in that it combines a didactic and clinical training curriculum throughout the four years of studies.

Upon successful completion of the 4 year DMP program, the student should have satisfied the requirements for Parts 1 and 2 of the American Board of Radiology Medical Physics certification process. The DMP program was CAMPEP accredited in 2015.



SAN ANTONIO

With a vibrant academic, nonprofit, and private sector focused on research, the economic impact of San Antonio's health care/ bioscience industry has become a leading sector with over \$40.2. billion annually. According to the San Antonio Business Journal, one in six of San Antonio workers are employed in health care or bioscience fields.

The San Antonio area also boasts beautiful outdoor activities including Enchanted Rock, Garner State Park, and Pedernales State Park. San Antonio is home to the five time NBA National Champions, the Spurs, as well as one of the largest livestock shows and rodeos in the country.

DEGREE REQUIREMENTS

A minimum of 98 credit hours (48 of which are clinical rotations) and a minimum overall GPA of 3.0 are required for the D.M.P. degree. The student is required to demonstrate intellectual command of the subject area and proficiency in all aspects of their chosen clinical specialization. A Core Knowledge Exam shall be scheduled for all first year DMP students. The students have two opportunities to take and pass the exam before the start of the second year.

ADMISSION

Graduate School of Biomedical Sciences admission requirements are:

- Bachelor's degree in physics, applied physics, engineering or equivalent program
- Undergraduate GPA of at least 3.0
- GRE Score of at least 320
- TOEFL score of at least 550

HOW TO APPLY

An online application is available. Acceptance of applicants starts in January and are approved on a monthly basis through May.

To be considered for Fall semester enrollment, the deadline for applications is December 31st. Since positions are competitive, applicants are encouraged to have all their materials submitted by December of the prior year.

