

# FLORIDA ATLANTIC UNIVERSITY

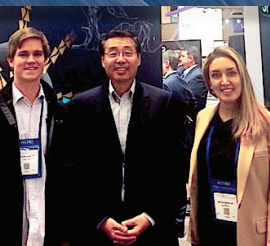
Professional Science Master  
in Medical Physics (PSMMP)  
CAMPEP Accredited

Department of Physics



CHARLES E. SCHMIDT  
COLLEGE OF SCIENCE

Florida Atlantic University



The Department of Physics offers the Professional Science Master in Medical Physics (PSMMP) degree—an interdisciplinary, innovative education program that develops advanced scientific knowledge and specialized skills. PSMMP provides hands-on learning through on-site training. It aims to engage students with professional goals and help them become scientists uniquely suited to the 21st-century workplace.

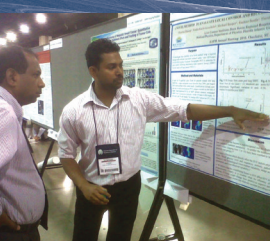
Medical Physics is an applied branch of Physics devoted to the application of concepts and methods from physics to the diagnosis and treatment of human disease as well as the planning and development of treatment equipment.

The PSMMP is a 41-credit-hour program. It provides professional training in partnership with area hospitals.



## ADMISSION REQUIREMENTS

1. B.S. in Physics. Candidates with a B.S. in Biology, Chemistry, Computer Science or Engineering with a minor in Physics are considered.
2. At least a 3.0 (of a 4.0 maximum) grade point average (GPA) in science and mathematics courses.
3. Have taken the general portion of the GRE. No minimum score is required. GRE scores more than five years old will not be accepted.



## CURRICULUM

- 6 core courses
- 2 track-specific courses
- 1 track-specific practicum course
- 1 Seminar course
- 1 elective course
- 1 graduate research
- Master Thesis

Optional: One summer practical clinical/research experience

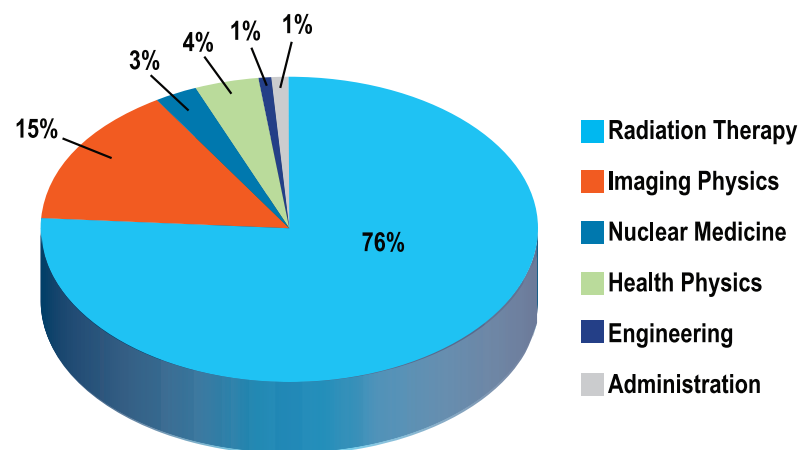
Total of 41 credit hours (plus the prerequisite)  
Typical duration is two years.



## CAREER PATHS IN MEDICAL PHYSICS

- Radiation Therapy
- Diagnostics
- Nuclear Medicine
- Health Physics
- Academia
- Companies that produce treatment equipment, treatment planning systems and support materials

National statistics from the American Association of Physicists in Medicine (AAPM) show that approximately 76% of medical physicists work as radiation therapy physicists. The PSMMP program provides specialization in radiation therapy.



Source 2002 AAPM Survey

## PSMMP IS A PROFESSIONAL SCIENCE MASTER'S DEGREE (PSM)

The Council of Graduate Schools has recognized the PSMMP as a Professional Science Master's degree.

**PSMMP IS ONE OF  
THE 37 CAMPEP  
ACCREDITED  
PROGRAMS IN USA**





## PROFESSIONAL SCIENCE MASTER in MEDICAL PHYSICS (PSMMP)

### PROGRAM DIRECTOR

*Dr. Theodora Leventouri*  
*Department of Physics*  
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[http://physics.fau.edu/programs/MSMP\\_CatalogDescription.php](http://physics.fau.edu/programs/MSMP_CatalogDescription.php)

### PSMMP PARTNERSHIPS

Lynn Cancer Institute of the Boca Raton Regional Hospital  
 Wellington Regional Medical Center  
 South Florida Radiation Oncology at the FAU Research Park  
 Broward Health 21st Century Oncology  
 Best Medical International  
 Advanced Radiation Physics Inc.  
 Nucletron  
 CIVCO  
 Varian Medical Systems

