Florida Atlantic University

Professional Science Master in Medical Physics (PSMMP)
CAMPEP Accredited

Department of Physics
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
- 1 track-specific course
- 1 track-specific practicum course
- 1 frontier 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*

**THIS MSMP IS A PROFESSIONAL MASTER’S DEGREE (PSM)**

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

The PSM is an innovative graduate degree designed to allow students to pursue advanced training and excel in science, while developing business skills. The PSM program prepares students for science careers in business, government or non-profit organizations, where workforce needs are increasing. Find out more at www.sciencemasters.com.
PROFESSIONAL SCIENCE MASTER
in MEDICAL PHYSICS (PSMMP)

PROGRAM DIRECTOR

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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