

MEMORANDUM

To: University Senate
From: Sue Sutherland, Chair, Council on Academic Affairs
Subject: Proposal to Establish a Master of Science in Medical Physics Degree Program, College of Medicine
Date: April 13, 2026

A PROPOSAL FROM THE COUNCIL ON ACADEMIC AFFAIRS TO ESTABLISH A MASTER OF SCIENCE IN MEDICAL PHYSICS DEGREE PRORGAM, COLLEGE OF MEDICINE

- Whereas the practice of medical physics combines the knowledge, concepts, and principles of physics to the diagnosis and treatment of human disease, applying that knowledge to radiation oncology, diagnostic imaging, nuclear medicine and health physics; and
- Whereas Medical Physicists are currently in high demand and market analysis supports the need for a master’s degree; and programs aligned with clinical experience, research and leadership are well-positioned to succeed; and
- Whereas the curriculum has been designed to integrate scientific knowledge, technical skills and clinical experience with 44 credit hours over two years with 11 new courses to be created; and with initial enrollment projections for 6 students in year 1 and 6 in year 2; and
- Whereas infrastructure and budget to support the program, and assessment plans were included in the proposal; and
- Whereas the program will seek accreditation with the Commission on Medical Physics Education Programs (CAMPEP), with core courses qualifying students for eligibility for American Board of Radiology certification in Medical Physics; and
- Whereas the proposal was reviewed by the combined Graduate School/Council on Academic Affairs subcommittee and then approved by the full Council on Academic Affairs at its meeting on March 4, 2026.

Now therefore be it resolved that the University Senate approve the proposal to establish a Master of Science in Medical Physics degree program and respectfully submit the proposal to the Board of Trustees for action.