

ASACR 2

Office of the President
December 2, 2024

Members, Board of Trustees:

ACADEMIC DEGREE RECOMMENDATION:
COLLEGE OF MEDICINE

Recommendation: that the Board of Trustees approve the establishment of a Doctor of Philosophy (PhD) degree in Biomedical Informatics and Data Science, in the Department of Internal Medicine, within the College of Medicine, beginning in the 2025 Fall Semester.

Background: The proposed PhD in Biomedical Informatics program is intended to prepare students to become leaders in developing and applying novel analytical methods and tools to address challenging problems across the spectrum of biology and medicine. This unique program offers a rigorous and interdisciplinary curriculum that fosters creativity, collaboration, and communication, while also providing students with opportunities to conduct cutting-edge research in collaboration with world-class faculty and mentors spanning various domains.

This program will be delivered in person and was specifically designed to solve an unmet need in Kentucky by preparing the next generation of scientists with the computational skills necessary to effectively analyze large biomedical and genomics datasets that may be used to improve disease research and personalized medicine, as well as fill a critical gap in interfacing between basic science programs and clinical/translational science programs currently offered at the University of Kentucky. The program has a core curriculum that teaches proper techniques to computationally analyze large-scale datasets with the potential of providing better health to Kentucky residents and beyond.

The program has the approval of the College of Medicine. The Provost of the University supports this recommendation. Pending approval by the Board of Trustees, the program will begin the review process of the Council on Postsecondary Education.

Action taken: Approved Disapproved Other _____