

Resolution for New Online Graduate Certificate in Biomedical Informatics and Data Science

WHEREAS, the proposed *Online Graduate Certificate in Biomedical Informatics and Data Science* provides a new field of study is an emerging and rapidly expanding field where biomedical research is used to compute, analyze, and interpret large scale data sets to have a substantial impact on improving human health. Biomedical Informatics and Data Science are fields of study with applications ranging from genomics to pharmaceutical, health informatics, and biomedical research; having the potential to impact all areas of scientific research, and

WHEREAS, the proposed program builds upon the research strength, education resources and bioinformatics infrastructure from Departments across the Colleges of Arts & Sciences, Engineering, Agriculture & Natural Resources, Health Sciences and Earth, Ocean & Environment, as well as from the Delaware Biotechnology Institute and the Center for Bioinformatics & Computational Biology, and

WHEREAS, the proposed program contributes to the scholarly and educational missions of the University—to disseminate scientific, humanistic, and social knowledge for the benefit of the larger society and to produce graduates who are prepared to contribute to a global society, addressing the critical online needs of the state, nation and global community, and

WHEREAS, the proposed program fosters multi- and interdisciplinary research and educational collaboration across campus, providing a critical component to University's strategic priorities in energy, environment, and life and health sciences, and serving as a pillar of UD's *Path to Prominence*, be it therefore

RESOLVED, that the Faculty Senate approves the establishment of a new program leading to the *Online Graduate Certificate in Biomedical Informatics and Data Science*.