



UNIVERSITY OF GUAM  
UNIBETSEDÁT GUÅHAN  
Board of Regents

Resolution No. 24-12

**RELATIVE TO APPROVING THE MASTER OF SCIENCE IN DATA SCIENCE DEGREE PROGRAM**

**WHEREAS**, the University of Guam (UOG) is the primary U.S. Land Grant and Sea Grant institution accredited by the Western Association of Schools and Colleges Senior College and University Commission serving the post-secondary needs of the people of Guam and the region;

**WHEREAS**, the governance and well-being of UOG is vested in the Board of Regents (BOR);

**WHEREAS**, UOG desires to establish a new graduate degree program, Master of Science (MS) in Data Science under the direction of the College of Natural and Applied Sciences (CNAS);

**WHEREAS**, University stakeholders have advocated for the development of a program that offers opportunities toward advancement and preparation in statistical analysis and data modeling techniques that enable one to derive key insights from complex and large datasets;

**WHEREAS**, the MS in Data Science is designed to meet Guam's need for qualified professionals who can work as data scientists, analysts, or researchers in various industries, including healthcare, finance, marketing, and technology;

**WHEREAS**, the proposed program aims to support the University's Para Hulo' initiatives and CNAS's goal to uphold the quality of instruction and faculty through curricula and research that support the overall well-being and sustainability of the region;

**WHEREAS**, a program demand report documents a high level of interest in the program; and professional data science industry partners like the Guam Department of Public Health and Social Services, Office of Epidemiology and Research (DPHSS OER), the Pacific Northwest National Laboratory (PNNL) Office of STEM Education, the Pacific Federal Management Inc., the UOG Marine Laboratory, and the U54 Pacific Island Partnership for Cancer Health Equity (PIPCHÉ) have submitted letters of support for the MS in Data Science degree program;

**WHEREAS**, the proposed MS in Data Science degree program was prepared and submitted by the faculty in the Mathematics and Computer Science division; considered and recommended by the CNAS Academic Affairs Committee and Dean, endorsed by Graduate Curricula Review Committee and the Faculty Senate, and reviewed and recommended for approval by the Senior Vice President & Provost and the President; and

**WHEREAS**, the Academic, Personnel and Tenure Committee has reviewed the proposal and recommends to the BOR for approval of the MS in Data Science degree program.

**NOW, THEREFORE, BE IT RESOLVED**, that the BOR hereby approves the MS in Data Science degree program, effective AY2024-2025.

Adopted this of 25<sup>th</sup> day of April, 2024.

Sandra H. McKeever, Chairperson

**ATTESTED:**

Anita Borja Enriquez, D.B.A., Executive Secretary