



EAST TENNESSEE STATE
UNIVERSITY

Letter of Notification for New Degree

Establish New Academic Program - M.S. in Applied Data Science

Data Science is the study of techniques for collecting, processing, and drawing inferences from all manner of data. A multi-disciplinary area, it uses statistics in conjunction with a large repertory of programming tools to extract and organize knowledge from large volumes of structured and unstructured data.

The growing importance of Data Science in technology, industry, health services, administration, and other arenas calls for a well-trained Data Science workforce. The proposed Master's Degree in Applied Data Science (M.S.A.D.S.) will help to alleviate this need by promoting data literacy across many of ETSU's disciplines, while enhancing Data Science expertise by providing students with comprehensive and in-depth training. The new degree will enhance students' mathematical and computational proficiency while providing real-world experiences through internships with local industries, healthcare or administrative units. At same time, an extensive elective track will guide their efforts to identify suitable concentrations within the rich spectrum of data-related disciplines.

https://www.etsu.edu/curriculum-innovation/documents/academiccouncil/establish_new_academic_program-m.s.in_applied_data_science.pdf