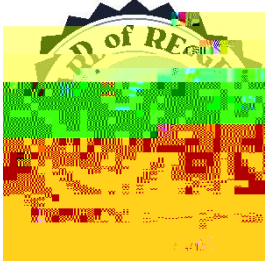


[Redacted]



- a. If yes, will the articulation agreement need to be updated with the partner institution following the approve of the program change? Please explain: N/A

7. Primary Aspects of the Modification:

CIP Code:

Current Specialization CIP Code: 27.0501; Title: Statistics, General.

Definition: A general program that focuses on the relationships between groups of measurements, and similarities and differences, using probability theory and techniques derived from it. Includes instruction in the principles in probability theory, binomial distribution, regression analysis, standard deviation, stochastic processes, Monte Carlo method, Bayesian statistics, non-parametric statistics, sampling theory, and statistical techniques.

Proposed Specialization CIP Code: **30.7001**; Title: Data Science, General.

Definition: A program that focuses on the analysis of large scale data sources from the interdisciplinary perspectives of applied statistics, computer science, data storage, data representation, data modeling, mathematics, and statistics. Includes instruction in computer algorithms, computer programming, data management, data mining, information policy, information retrieval, mathematical modeling, quantitative analysis, statistics, trend spotting, and visual analytics.

8. Explanation of the Change:

The Department of Mathematics and Statistics requests to update the Data Science program CIP code. The code would change to 30.7001 (Data Science, General). This change is requested to update the CIP Code to accurately reflect the nature of the program.