Data Science and Analysis BS, Mathematics Emphasis Area

MATH 1900	Analytic Geometry and Calculus II	5
MATH 2000	Analytic Geometry and Calculus III	5
MATH 2450	Elementary Linear Algebra	3
MATH 4200	Mathematical Statistics I	3
MATH 4210	Mathematical Statistics II	3
Choose two of the following:		6
MATH 4090	Introduction to High-dimensional Data Analysis	
MATH 4220	Bayesian Statistical Methods	
MATH 4225	Introduction to Statistical Computing	
MATH 4250	Introduction to Statistical Methods in Learning and Modeling	
MATH 4260	Introduction to Stochastic Processes	
MATH 4470	Introduction to Statistical Data Analysis for GIS	
MATH 4480	Introduction to Remote Sensing Digital Image Analysis	
MATH 4750	Introduction to Mathematics of Artificial Neural Networks	
Total Hours		**25**

Justification for request:
This ia an update of the elective course list, to include newly available classes