

BSE MATH/STAT Equivalent Courses

Approved Math	
AOE/MATH 4404	Applied Numerical Methods
BSE 5984 (BMES/BSE/CHE5044)	Engineering Mathematics
CE 6010	Computational Methods in Civil Engineering
CEE 5984 (MAE 6410)	Engineering Mathematics 1
CEE5984 (MAE 6430)	Probability and Statistics for Engineers and Scientists
CHE 4134	Process Modeling
CHE 5984	Engineering Data Analysis
CS/BIOL/GBCB 5424	Computational Cell Biology
ESM 5414	Nonlinear Systems
ESM 5984	Fundamentals of Mechanics
ESM 6984	Computational Multiscale Methods
NSEG 5134	Monte Carlo Methods for Particle Transport
CEE 5600	Civil Infrastructure Systems Analysis

Approved Statistics	
ALS 5406	Analysis of Animal Experiments with SAS
CEE 5724	Environmental Monitoring and Sampling
CEE 5984 (MAE 6430)	Probability and Statistics for Engineers and Scientists
ENT 6004	Design and Analysis of Agricultural Experiment
GEOG 5034	Analysis of Spatial Data

Rejected Courses	
CEE 5304	Environmental Fluids Mechanics
CHE 5125	Transport Phenomena
CHE 5094	Advanced Chemical Engineering Kinetics
PHS 5025/5026/5984	Epidemiology and Quantitative Methods in Public Health I & II
BCHM 5024	Computational Biochemistry for Bioinformatics