

BSE MATH/STAT Equivalent Course Listing

Approved Math Stat Equivalent Courses	
AOE/MATH 4404	Applied Numerical Methods
ALS 5406	Analysis of Animal Experiments with SAS
BAE 590	Env. and Agricultural Data Analytics and Modeling
BMES/BSE/CHE 5044)	Engineering Mathematics
BSE 4304/5304G	Watershed Modeling/Advanced Watershed Modeling
CE 6010	Computational Methods in Civil Engineering
CEE 5984	Data Analysis Env Sci & Eng.
CEE 4324/5384	Open Channel Flow/Advanced Open Channel Flow
CEE 5314	River Mechanics and Sediment Transport
CEE 5600	Civil Infrastructure Systems Analysis
CEE 5174	Applied Analytics for Env. Science and Civil Eng.
CEE 5724	Environmental Monitoring and Sampling
CEE 5984	Pollutant Fate and Transport in the Environment
CEE 5984	Modeling of Environmental Flows
CEE 5984 (MAE 6410)	Engineering Mathematics 1
CEE 5984 (MAE 6430)	Probability and Statistics for Engineers and Scientists
CHE 4134	Process Modeling
CHE 5984	Engineering Data Analysis
CS 5045	Data Sciences
CS/BIOL/GBCB 5424	Computational Cell Biology
ENT 6004	Design and Analysis of Agricultural Experiment
ESM 5414	Nonlinear Systems
ESM 5984	Fundamentals of Mechanics
ESM 6984	Computational Multiscale Methods
FREC 5244G	Advanced Hydroinformatics
FST 5984	Data Analytics for Food and AG Science
GEOG 4324/5384	Algorithms in GIS / Programming for GIS
GEOG 5034	Analysis of Spatial Data
GEOG 5984	R Programming for Geospatial Applications
ME 5984	Applied Machine Learning
NSEG 5134	Monte Carlo Methods for Particle Transport