PROGRAM STUDENT LEARNING OUTCOMES

2014

Students grad

	descriptive statistics and graphical displays, b)probability models for uncertainty, stochastic processes, and distribution theory,c)hypothesis testing and confidence intervals, d)ANOVA and regression models (including linear, and multiple linear) and analysis of residuals from models and trends	1, 6
2	Derive and understand basic theory underlying these methodologies	1, 6
3	Formulate and model practical problems for solutions using these methodologies	1, 2, 6
4	Produce relevant computer output using standard statistical software and interpret the results appropriately	1, 2, 6
5	Communicate statistical concepts and analytical results clearly and appropriately to others; and	1, 2, 3, 4, 6
6	Understand theory, concepts, and terminology at a level that supports lifelong learning of related methodologies	1, 2, 3, 6