**BIS 1102 Business Statistics (3 CU)**

**Course Description:** Upon successful completion of this course, the student should: Understand, and be able to apply to real problems, the fundamental concepts of statistical thinking; Be able to appropriately apply basic tools of data gathering, analysis and communication to real problems; Be able to integrate basic tools into an overall approach to scientific inquiry.

**Indicative Content:** This unit covers simple and compound interest, time value of money, annuities, present and future values, data classification and terminology, describing and displaying data, probability and probability distributions, estimation and hypothesis testing, linear regression and correlation, index numbers and time series, computer analysis of data using MINITAB and EXCEL.

**Reference Books:**

i. D. R. Anderson, D. J. Sweeney, T. A. Williams, and J. Freeman, *Statistics for Business and*

*Economics*, Thomson Learning; European edition, 2006.

ii. M. G. Sobol, *Statistics for Business and Economics: An Action Learning Approach* (McGraw-Hill series in quantitative methods for management), 1982.