Stat 6740 – (3 credits) – Data Management and Graphics for Statistical Analyses

offered Autumn and Spring semesters.

No prerequisites

This course combines material from the two two-hour quarter courses Stat 674 and 675.

**Tentative Topic List**

The course uses the SAS statistical software package.

Inputting data from various formats,

data manipulation and calculations for statistical analyses,

missing data calculations,

merging and transporting data sets,

formatting for presenting results and as a data analysis tool,

using relational databases and SQL,

character data calculations,

graphical presentation of data,

output delivery system for presentation and analyses,

macro programming language.