APPLIED STATISTICS GRADUATE CREDIT CERTIFICATE PROGRAM

Learning Outcomes

1. **Data analytic skills**: students will be able to demonstrate their ability to apply common statistical techniques such as regression and analysis to real world problems
2. **Interpretation of Statistical results**: students will be able to communicate data analysis results orally, in writing, and visually in the context of the problem to nonstatistical audience
3. **Statistical software**: students will be able to use statistical software such as R, SAS and Minitab to conduct data analysis
4. **Data visualization**: students will be able to select and create appropriate graphs and tables to visualize data effectively.