Coursework (Minimum 30 Credit Hours)

Choose all or list replacement courses in elective hours.

- STA 631 Introduction to Probability (3)
- STA 632 Introduction to Mathematical Statistics (3)
- STA 640 SAS System for Statistical Analysis (1)
- STA 661 Advanced Statistics in the Behavioral and Biological Sciences I (3)
- STA 662 Advanced Statistics in the Behavioral and Biological Sciences II (3)
- STA 668 Consulting Experience (2)

Choose at least two.

- STA 622 Complex Data Analysis (3)
- STA 635 Theory of Linear Regression (3)
- STA 642 Statistical Computing (3)
- STA 645 Nonparametric Statistics (3)
- STA 655 Applied Probability Models (3)
- STA 665 Analysis of Survival Data (3)
- STA 670 Categorical Data Analysis (3)
- STA 671 Multivariate Analysis (3)
- STA 673 Statistical Linear Models I (3)
- STA 674 Statistical Linear Models II (3)
- STA 675 Advanced Experimental Design (3)
- STA 676 Sample Survey Methods (3)
- STA 682 Theory of Time Series (3)
- STA 703 Topics in High Dimensional Data Analysis (3)
- STA 709 Topics in Computational Statistics (3)

Choose remaining elective credits that may count toward the minimum 30 credit hours required.

- STA 698 Project in Statistics (3)
- any STA course at the 600-level or above
Up to 6 credits of graduate level courses from any of the following department (with DGS approval)

☐ Mathematics
☐ Computer Science
☐ Economics
☐ Educational Research Methodology
☐ Informatics and Analytics
☐ Information Systems and Supply Chain Management

Choose additional electives that do not count toward the required 30 hours.

☐ MAT 601 Seminar in the Teaching of Mathematics I (1)
☐ MAT 603 Practicum in the Teaching of Mathematics (2)
CAPSTONE EXPERIENCE

Choose one.

☐ Project

Include 3 credit hours of STA 698 Project in Statistics in required hours.

Project supervisor: ____________________________

SIGNATURES

Sign and print below.

Student: ____________________________ Date: ________________

DGS: ____________________________ Date: ________________