The Department of Statistics offers programs leading to a Doctor of Philosophy (Ph.D.) in Statistics, a Master of Science (M.S.) degree in Applied Statistics, and certificates in Statistics (for non-majors) and Big Data Applied Statistics Analysis. A joint master's degree in computer science and statistics is also available. The program is flexible enough to create a plan based on individual prior experience and in accord with professional goals.

During the first year of the program, master's and doctoral students are strongly encouraged to meet with each faculty member to discuss possible research topics. The student should select a supervisory committee by the end of the first year.

A joint master's degree in computer science and statistics may also be obtained. Graduate certificates in Statistics for non-majors and Big Data Applied Statistics Analysis are also available.