The Master of Science in Data Science and Applied Statistics program at SMU is designed to give your career that edge in this highly competitive field. In consideration for the commitments many of our students have, MDSAS allows our students to be full-time or part-time. Not requiring students to be full-time throughout the program allows them to adjust their own course load for each semester. This invites flexibility for working professionals to attend classes while working. Below are sample course schedules for full-time MDSAS students.

Full-Time (3 semesters)

An accelerated full-time track completed in 3 semesters

Fall: (12 credits)

STAT 6301: Experimental Statistics I (3 credits)

STAT 6311: Mathematical Statistics I (3 credits)

STAT 6307: Statistical Computing (3 credits)

STAT 6324: Computational Statistics (3 credits)

Spring: (12 credits)

STAT 6302: Experimental Statistics II (3 credits)

STAT 6312: Mathematical Statistics II (3 credits)

STAT 6309: Machine Learning with Python (3 credits)

STAT 63xx: Elective Course (3 credits)

Fall: (12 credits)

STAT 6366: Statistical Consulting (3 credits)

STAT 63xx: Elective Course (3 credits)

STAT 63xx: Elective Course (3 credits)

STAT 63xx: Elective Course (3 credits)

Full-Time (4 semesters)

A sample full-time track completed in 4 semesters

Fall: (9 credits)

STAT 6301: Experimental Statistics I (3 credits)

STAT 6311: Mathematical Statistics I (3 credits)

STAT 6307: Statistical Computing (3 credits) / *could take 6324

Spring: (9 credits)

STAT 6302: Experimental Statistics II (3 credits)

STAT 6312: Mathematical Statistics II (3 credits)

STAT 6309: Machine Learning with Python (3 credits)

Fall: (9 credits)

STAT 6366: Statistical Consulting (3 credits)

STAT 6324: Computational Statistics (3 credits) / *could take 6307

STAT 63xx: Elective Course (3 credits)

Spring: (9 credits)

STAT 63xx: Elective Course (3 credits)

STAT 63xx: Elective Course (3 credits)

STAT 63xx: Elective Course (3 credits)

Part-Time MDSAS

The part-time track can be completed in 6 semesters

Fall: (3 to 6 credits)

STAT 6301: Experimental Statistics I (3 credits)

STAT 6311: Mathematical Statistics I (3 credits)

Spring: (3 to 6 credits)

STAT 6302: Experimental Statistics II (3 credits)

STAT 6312: Mathematical Statistics II (3 credits)

Fall: (3 to 6 credits)

STAT 6307: Statistical Computing (3 credits)

STAT 6324: Computational Statistics (3 credits)

Spring: (3 to 6 credits)

STAT 6309: Machine Learning with Python (3 credits)

STAT 63xx: Elective Course (3 credits)

Fall: (3 to 6 credits)

STAT 6366: Statistical Consulting (3 credits)

STAT 63xx: Elective Course (3 credits)

Spring: (3 to 6 credits)

STAT 63xx: Elective Course (3 credits)

STAT 63xx: Elective Course (3 credits)