

**Texas A&M University's ONLINE
Master of Science in Statistics Degree Program
36 Hour, Non-thesis Masters Program**

Statistics Degree Curriculum:

Required Courses:

STAT 604	Special Problems in Statistical Computations and Analysis in R and SAS
STAT 630	Overview of Mathematical Statistics
STAT 641	Statistical Methods I
STAT 642	Statistical Methods II
STAT 608	Least Squares and Regression Analysis
STAT 657	Advanced Programming Using SAS
STAT 659	Applied Categorical Data Analysis
MATH XXX	Elective
STAT 681 (1 hr.)	Seminar
STAT 684 (2 hrs.)	Professional Internship
STAT 685 (3 x 1hr.)	Project

Biostatistics Emphasis:

STAT 689 - I	Special Topics in Biostatistics and Data Analysis I
STAT 689 - II	Statistical Bioinformatics

Applied Emphasis:

STAT 607	Sampling
STAT 636	Methods in Multivariate Analysis

Applied Emphasis with SAS Certification:

STAT 636	Methods in Multivariate Analysis
STAT 656	Data Mining Using SAS Enterprise Miner

Business Analytics Emphasis:

STAT 607	Sampling
STAT 656	Data Mining Using SAS Enterprise Miner