

# STATISTICS, M.S.

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## Requirements

M.S. students must complete thirty-six semester hours. Requirements include a statistics core (twelve semester hours), consulting-teaching practicum (three semester hours), and elective courses (twenty-one semester hours). For the M.S.-Ph.D. Masters, students must pass an oral exam. For the professional track, students must complete a capstone project. The Professional Masters may also be completed as part of a 4+1 undergraduate-graduate program with either the B.S. in Statistics from Baylor or a B.A. or B.S. in Mathematics or Applied Mathematics from Baylor.

### Curriculum - M.S.-Ph.D. Track

Code	Title	Hours
<b>Statistics Core</b>		
STA 5380	Methods in Statistics I	3
STA 5381	Methods in Statistics II	3
STA 5353	Theory of Statistics II	3
STA 5383	Introduction to Multivariate Analysis	3
<b>Practicum Courses</b>		
STA 5V85	Practice in Statistics	3
<b>Elective Courses</b>		
The elective courses are selected from any approved STA course or from approved courses in MTH, CSI, ECO, QBA, MIS, BIO, or PSY.		21
<b>Total Hours</b>		<b>36</b>

### Curriculum - Professional Track

Code	Title	Hours
<b>Statistics Core</b>		
STA 5300	Statistical Methods	3
STA 5301	Introduction to Experimental Design	3
STA 5303	Applied Regression Analysis	3
STA 5384	Multivariate Statistical Methods	3
<b>Practicum Courses</b>		
STA 5V85	Practice in Statistics	3
<b>Elective Courses</b>		
The elective courses are selected from any approved STA course or from approved courses in MTH, CSI, ECO, QBA, MIS, BIO, or PSY.		21
<b>Total Hours</b>		<b>36</b>