

# STATISTICS COURSE PREREQUISITES & TENTATIVE SCHEDULE

UNDERGRADUATE COURSES (1-199)	PREREQUISITES (WITH C- OR P OR BETTER)	2025-2026 SCHEDULE
<b>STA 010</b> Statistical Thinking	two years of high school algebra	Fall
<b>STA 013</b> Elementary Statistics	two years of high school algebra or MAT D	Fall, Winter, Spring
<b>STA 032</b> Gateway to Statistical Data Science	MAT 16B or 17B or 19B or 21B	Fall, Winter, Spring
<b>STA 035A</b> Statistical Data Science I	MAT 16A or MAT 17A or MAT 21A (can be concurrent)	Fall, Winter
<b>STA 035B</b> Statistical Data Science II	STA 35A or STA 32 or STA 100 or (STA 13 and ECS 32A); MAT 16B or MAT 17B or MAT 19B or MAT 21B (can be concurrent)	Winter, Spring
<b>STA 035C</b> Statistical Data Science III	STA 35B; MAT 16B or MAT 17B or 19B or MAT 21B	Fall, Spring
<b>STA 100</b> Applied Statistics for Biological Sciences	MAT 16B or 17B or 19B or 21B	Fall, Winter, Spring
<b>STA 101</b> Advanced Applied Statistics for the Biological Sciences	STA 100 or 35B	Spring
<b>STA 103</b> Applied Statistics for Business and Economics	STA 13 or 32 or 35B or 100; MAT 16B or 17B or 19B or 21B	Fall, Winter, Spring
<b>STA 104</b> Nonparametric Statistics	STA 13 or 32 or 35B or 100	Fall, Winter, Spring
<b>STA 106</b> Analysis of Variance	STA 13 or 32 or 35B or 100	Fall, Winter, Spring
<b>STA 108</b> Regression Analysis	STA 13 or 32 or 35B or 100	Fall, Winter, Spring
<b>STA 130A</b> Mathematical Statistics: Brief Course	MAT 16C or 17C or 19C or 21C; STA 13 or 32 or 35B or 100	Fall, Winter
<b>STA 130B</b> Mathematical Statistics: Brief Course	STA 130A or 131A or MAT 135A	Winter, Spring
<b>STA 131A</b> Introduction to Probability Theory	MAT 21C; MAT 22A or 27A or 67; MAT 21D Recommended	Fall, Winter, Spring
<b>STA 131B</b> Introduction to Mathematical Statistics	STA 131A or MAT 135A	Winter, Spring
<b>STA 131C</b> Introduction to Mathematical Statistics	STA 131B	Spring
<b>STA 135</b> Multivariate Data Analysis	STA 130B or 131B; MAT 22A or 27A or 67. MAT 167 is also recommended.	Fall, Winter, Spring
<b>STA 137</b> Applied Time Series Analysis	STA 108; MAT 22A or 27A or 67	Fall, Winter, Spring
<b>STA 138</b> Analysis of Categorical Data	(STA 130B or 131B) or (STA 106,108)	Fall, Winter, Spring
<b>STA 141A</b> Fundamentals of Statistical Data Science	STA 106 or 108	Fall, Winter, Spring
<b>STA 141B</b> Data & Web Technologies for Data Analysis	STA 141A	Fall, Winter, Spring
<b>STA 141C</b> Big Data & High-Performance Statistical Computing	STA 141B or (STA 141A, ECS 32A or ECS 10)	Winter, Spring
<b>STA 142A</b> Statistical Learning I	STA 141A; STA 130A or 131A or MAT 135A (STA 131A or MAT 135A preferred); MAT 22A or 27A or 67. MAT 167 is also recommended.	Winter, Spring

<b>STA 142B</b> Statistical Learning II	STA 141A; STA 130A or 131A or MAT 135A (STA 131A or MAT 135A preferred); MAT 22A or 27A or 67. MAT 167 is also recommended.	Spring
<b>STA 144</b> Sampling Theory of Surveys	(STA 130B or 131B) or (STA 106,108)	Fall
<b>STA 145</b> Bayesian Statistical Inference	STA 130A or STA 131A or MAT 135A	Winter
<b>STA 160</b> Practice in Statistical Data Science	STA 141A	Fall, Winter, Spring