

# Statistics (MR): Statistical Genetics Concentration

## Degree Requirements

Code	Title	Hours	Counts towards
<b>Core Courses</b>			<b>21</b>
ST 501	Fundamentals of Statistical Inference I		
ST 502	Fundamentals of Statistical Inference II		
ST 503	Fundamentals of Linear Models and Regression		
ST 542	Statistical Practice		
ST 555	Statistical Programming I		
ST 517 & ST 518	Applied Statistical Methods I and Applied Statistical Methods II		

## Concentration Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>			<b>9</b>
Select one of the following:			
ST 520	Statistical Principles of Clinical Trials		
ST 540	Applied Bayesian Analysis		
ST 711	Design Of Experiments		
ST 744	Categorical Data Analysis		
ST 745	Analysis of Survival Data		
Select six credit hours of the following:			
ST 721	Genetic Data Analysis		
ST 590	Special Topics (Introduction to Bioinformatics)		
ST 590	Special Topics (Bioinformatics II)		
GN 703	Population and Quantitative Genetics		

ST/GN 756	Computational Molecular Evolution
ST/GN 757	Quantitative Genetics Theory and Methods

**Total Hours** **30**

## Faculty

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