

# MINOR IN STATISTICAL THEORY

---

A Minor in Statistical Theory consists of the following courses:

Code	Title	Hours
<b>Minor in Statistical Theory</b>		
<b>Required Courses</b>		
MATH 1430	Calculus II <sup>1</sup>	4
STAT 4371	Theory and Applications of Probability and Statistics I	3
STAT 4372	Theory and Applications of Probability and Statistics II	3
Select four of the following:		12
STAT 3379	Statistical Methods in Practice	
STAT 3380	Statistical Design and Analysis of Experiments	
STAT 3381	Sample Survey Methods	
STAT 3382	Introduction to Statistical Computing	
STAT 4370	Special Topics in Statistics	
STAT 4373	Nonparametric Statistics	
STAT 4374	Regression Modeling & Analysis	
STAT 4375	Quality Control & Reliability	
STAT 4376	Time Series and Forecasting	
STAT 4377	Introduction to Applied Bayesian Analysis	
STAT 4390	Introduction to Statistical Learning	
STAT 4090	Independent Study	
<b>Total Hours</b>		<b>22</b>

<sup>1</sup> The prerequisite to this, MATH 1420, should be taken to complete Core Curriculum Area II (Mathematics). MATH 1430 may satisfy both major and minor requirements.