

# STATISTICS, MINOR

## Curriculum Guide

### GPA Requirement

Minor GPA: 2.0 or higher

### Minor Requirements

- Students must complete at least 9 credit hours of MATH/STAT in their minor from SRU.
- Students enrolled in both the Minor in Mathematics and the Minor in Statistics must complete at least 9 credits in each of these minors that are NOT being counted in the other.
- Students enrolled in both the Minor in Actuarial Science and the Minor in Statistics must complete at least 9 credits in each these minors that are NOT being counted in the other.
- Mathematics majors must choose at least 15 credit hours in this minor distinct from those being counted toward the major.
- A minimum of 6 credit hours must be upper division (courses numbered 300 and above)
- A minor shall be no fewer than 18 credits.

Code	Title	Hours
<b>Required Courses</b>		
STAT 152	Elementary Statistics I	3
STAT 252	Introduction to Statistical Modeling	3
STAT 256	Statistical Computing	3
STAT 352	Mathematical Statistics I	3
STAT 353	Mathematical Statistics II	3
<b>Required Courses for Non-Mathematics Majors</b>		
Mathematics majors may not count these courses in the Minor in Statistics:		
MATH 225	Calculus I	
MATH 230	Calculus II	
<b>Electives</b>		
Select courses of the following to reach 24 credits total for this minor.*		3-9
BIOL 325	Biostatistics and Experimental Design with Lab	
CPSC 323	Fundamentals of Database Systems	
CPSC 405	Data Mining and Data Analysis	
CPSC 480	Topics in Computer Science: Machine Learning	
ECON 318	Introduction to Econometrics	
HLTH 312	Data Management for Health Science	
HLTH 313	Biostatistics	
MATH 231	Calculus III	
STAT 318	Statistical Study Design	
STAT 354	Mathematical Statistics III	
STAT 363	Statistical Learning	
STAT 372	Forecasting & Time Series	
STAT 373	Statistical Quality Control	
PSYC 421	Advanced Behavioral Statistics	
<b>Total Hours</b>		<b>24</b>

\* Some courses may require pre-requisites. Please see course descriptions to determine if there are any pre-requisites for that specific course.

### Important Curriculum Guide Notes

This Curriculum Guide is provided to help SRU students and prospective students better understand their intended major curriculum. Enrolled SRU students should note that the My Rock Audit may place already-earned and/or in progress courses in different, yet valid, curriculum categories. Enrolled SRU students should use the My Rock Audit Report and materials and information provided by their faculty advisers to ensure accurate progress towards degree completion. *The information on this guide is current as of the date listed. Students are responsible for curriculum requirements at the time of enrollment at the University.*

PASSHE - Pennsylvania State System of Higher Education Institutions

Minor in Statistics (52D)

This program is effective as of Summer 2022

Revised 04.21.2022

UCC 02.15.2022