

# Statistics, Minor

## Requirements

The undergraduate minor in statistics requires a minimum of 15 s.h. in statistics courses taken at the University of Iowa. At least 12 s.h. must be taken in courses numbered 3000 or above (selected from the following list). Students must maintain a cumulative grade-point average of at least 2.00 in all courses for the minor and in all UI courses for the minor. Coursework in the minor may not be taken pass/nonpass. CLAS minors may only be earned concurrent with or subsequent to earning a University of Iowa bachelor's degree. They cannot be granted as standalone credentials or as the sole program of study completed at the University of Iowa.

The minor in statistics requires a minimum of 15 s.h. of coursework, as follows.

Course #	Title	Hours
One of these:		
STAT:2010	Statistical Methods and Computing	3
STAT:2020	Probability and Statistics for the Engineering and Physical Sciences	3
STAT:4200/ IGPI:4200	Statistical Methods and Computing	3
One of these:		
STAT:3200/ DATA:3200/ IGPI:3200/ISE:3760	Applied Linear Regression	3
STAT:4560	Statistics for Risk Modeling I	3
A maximum of one of these:		
STAT:3100/ IGPI:3100	Introduction to Mathematical Statistics I	4
STAT:3120/ DATA:3120/ IGPI:3120	Probability and Statistics	4
STAT:4100/ IGPI:4100	Statistical Inference I	3
A maximum of one of these:		
STAT:3101/ IGPI:3101	Introduction to Mathematical Statistics II	3
STAT:4101/ IGPI:4101	Statistical Inference II	3
At least one of these:		
STAT:1015/ DATA:1015	Introduction to Data Science	3
STAT:3210	Experimental Design and Analysis	3
STAT:3620/ CEE:3142/ISE:3600	Quality Control	3
STAT:4520/ IGPI:4522/ PSQF:4520	Bayesian Statistics	3
STAT:4540/ BAIS:4540/ DATA:4540/ IGPI:4540	Statistical Learning	3

STAT:4580/ DATA:4580/ IGPI:4580	Data Visualization and Data Technologies	3
STAT:6530/ IGPI:6530	Environmental and Spatial Statistics	3
STAT:6550/ BIOS:6310/ IGPI:6310	Introductory Longitudinal Data Analysis	3
STAT:6560	Applied Time Series Analysis	3
BIOS:4510	Data Science Foundations in R	2