

# APPLIED STATISTICS AND DATA SCIENCE MINOR

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## Mission

The mission of the Statistics and Data Science program is to equip students from different majors to obtain valid data and use it to answer the questions they face on the job and in the world, with a biblical worldview.

## Curriculum Requirements

An Applied Statistics and Data Science minor (<https://www.biola.edu/degrees/u/applied-statistics-data-science-minor/>) is offered with the completion of 18 credits, at least 9 of which must be upper-division. A minimum of 9 credits must also be unique to the minor (not counted toward any other requirements, including minoring in the same department as the major).

Code	Title	Credits
<b>Program Courses</b>		
CSCI 105	Introduction to Computer Science	3
MATH 318	Biostatistics (recommended)	3
or MATH 190	Business Statistics	
or MATH 210	Introduction to Probability and Statistics	
MATH 319	Statistics II	3
or MATH 380	Statistics and Data Science Consulting Practicum	
MATH 470	Statistics and Data Science Capstone	3
Select 6 credits from the following:		6
CSCI 106	Data Structures	
CSCI 305	Programming for Data Science I	
CSCI 306	Programming for Data Science II	
BUSN 323	Business Analytics	
BUSN 427	Advanced Business Analytics with Machine Learning and AI	
MATH 319	Statistics II	
or MATH 380	Statistics and Data Science Consulting Practicum	
<b>Total Credits</b>		<b>18</b>