

## Bachelor of Science in Applied Statistics (120 units)

This new program was recommended by the Academic Senate on 3/12/20 and concurred by the President on 3/19/20. The California State University Chancellor granted approval on 8/12/20.

### Program Description

This degree program provides a foundation in statistical methods. The courses required ensure that the student understands how the techniques are mathematically derived and how they are applied. Statistical analysis is an essential part of any scientific investigation and is a vital tool in monitoring the quality of products and services and in forecasting.

### Requirements

Lower Division:

- x MATH 380 - Probability and Statistics (3 units)
- x STAT 381 – Mathematical Statistics (3 units)
- x STAT 410 - Regression Analysis (3 units)
- x STAT 450 - Multivariate Statistical Analysis (3 units)
- x STAT 475 - Data Analysis with SAS (3 units)

EFFECTIVE: Fall 2021

Campus Code: MATHBS04U1

College: 65 - Natural Science and Mathematics

Career: UNGR

CIP Code: 27.0501

CSU Code: 17021

Department: Mathematics and Statistics

Degree Program Delivery Type: Face-to-Face

Major Pathway, (STEM or non-STEM): STEM