

# STATISTICS MINOR

The Statistics minor complements and enhances a wide variety of undergraduate majors by providing valuable training in data analysis and statistical modeling and inference.

## About this Program

- **College:** Liberal Arts and Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Credits:** 18 | Completed with minimum grades of C and no optional S/U

## Department Information

The mission of the Department of Statistics is to provide its students with a fundamental understanding of statistical reasoning and methodology, to train them to apply this knowledge to the collection and analysis of data, and to prepare them for careers in a highly technological society in which science and decision-making are increasingly driven by a rapid expansion in the quantity and availability of data.

**Website** (<https://stat.ufl.edu/>)

## CONTACT

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Map (<http://campusmap.ufl.edu/#/index/0010>)

## Curriculum

- Actuarial Science Minor
- Combination Degrees
- Data Analytics Certificate
- Data Science
- Statistics
- Statistics Minor
- This minor requires a minimum of six (6) STA courses.
  - STA 3024 or STA 3032,
  - STA 3100,
  - the sequence STA 4210 and STA 4211,
  - and at least two (2) approved electives.
- (STA 3024 or STA 3032) and STA 3100 should be taken prior to STA 4210.
- STA 4321 and/or STA 4322 are a prerequisite for many of the approved electives.
- No more than three transfer credits may be applied to the minor.
- Students must complete a minimum of six credits of coursework exclusive to the minor that cannot count toward the major(s) or other minors.

## Required Courses

Code	Title	Credits
Select one:		3
STA 3024	Introduction to Statistics 2	3
STA 3032	Engineering Statistics	3
STA 3100	Programming With Data in R	3
STA 4210	Regression Analysis	3
STA 4211	Design of Experiments	3
Approved electives		6
<b>Total Credits</b>		<b>18</b>

## Approved Electives

Code	Title	Credits
STA 4222	Sample Survey Design	3
STA 4241	Statistical Learning in R	3
STA 4273	Statistical Computing in R	3
STA 4321	Introduction to Probability	3

STA 4322	Introduction to Statistics Theory	3
STA 4502	Nonparametric Statistical Methods	3
STA 4504	Categorical Data Analysis	3
STA 4702	Multivariate Statistical Methods	3
STA 4712	Introduction to Survival Analysis	3
STA 4821	Stochastic Processes	3
STA 4853	Introduction to Time Series and Forecasting	3
STA 4911	Undergraduate Research in Statistics	0-3
STA 4930	Special Topics	3

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