

DATA ANALYTICS CERTIFICATE

The Data Analytics certificate provide students with the tools necessary to prepare data for analysis and use proper analytic tools. It also equips students to understand the issues associated with the ethical use of data (e.g., personal health information) and potential biases in the generation, analysis, and use of data.

About this Program

- **College:** Liberal Arts and Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Credits:** 12 | Completed with minimum grades of B-

Certificates must contain at least nine credits of coursework that are unique to that program out of all other certificates and minors.

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

The Data Analytics certificate provides students the tools to both organize and analyze data to answer important discipline-specific research questions and to understand both ethical issues and biases associated with any particular dataset. The fourth required course applies what was learned in the first three courses to a real-world application.

Required Courses

Code	Title	Credits
STA 3100	Programming With Data in R	3
PHI 3681 or WST 3610	Ethics, Data, and Technology Gender, Race and Science	3
STA 3180	Statistical Modelling	3
Approved course ¹		3
Total Credits		12

¹ Approved by the certificate coordinator and involves applying the methods learned in STA 3180 to the student's area of study.
