

# STAT 151: INTRODUCTION TO STATISTICAL COMPUTING

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**New Course Proposal**

Changes saved but not submitted

Viewing: STAT 151 : Introduction to Statistical Computing

Last edit: Tue, 10 Mar 2020 16:22:09 GMT

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**Initiating Department**

Statistics

**Subject Code**

STAT - Statistics

**Department**

Statistics

**College**

Agriculture & Natural Resource

**Academic Career**

Undergraduate

**Course Number**

151

**Course Title**

Introduction to Statistical Computing

**Effective Term**

Fall 2021

**Justification**

The Department of Statistics will be proposing a new undergraduate degree program in Statistics, and this degree program will necessitate multiple new courses. This course is a first-year, 2nd semester introductory course for students in the degree program. This course will introduce students to common statistical software packages (SAS, R, Python, others as appropriate), and prepare them to use these software packages in subsequent courses.

**Hours**

1

**Repeatable**

No

**Description**

Introduction to programming for statistical analysis. Covers basic programming concepts necessary for statistics, good computing practice, and use of built-in functions to complete basic statistical analyses.

**Grading**

Graded (GRD)

**Delivery Method(s)**

Classroom

**Typically Offered**

**Term**

Unspecified

**Year**

Unspecified

**Course Type**

Lecture

**Primary Course Type**

Lecture

**Lecture Hours per Week**

1

**Total Contact Hours**

1.00

**ACE Certification**

No

**Syllabus**

STAT 151 Syllabus.pdf

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