### UNIVERSITY POLICIES

- Refer to the SU catalog for approved prerequisites and General Education courses.
- All graduates must have a minimum of 120 credits.
- All graduates must have a minimum of 30 credits of 300/400-level courses with C grade or above; at least 15 of those credits must be taken at SU.
- Students must have a minimum cumulative GPA of 2.0 for graduation.
- Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
- Students must take 30 of the last 37 credit hours at SU.

### DATA SCIENCE • Computational Data Science Track

**CURRICULUM GUIDE**

**Est. 10/2019**

**NAME:**_____________________________________________________  **ID#:_________________________  **DATE:**_______________________

### First Year

- **COSC 117** Programming Fundamentals..............................................4
- **MATH 201** Calculus I..........................................................................4
- **HIST 10X** Gen. Ed. IIA (HIST 101, 102 or 103).................................4
- **ENGL 103** Composition and Research.................................................4

**Total:** 16

### Second Year

- **MATH 216** Statistical Thinking ............................................................4
- **MATH 306** Linear Algebra....................................................................4
- **IIIA** Gen. Ed. Humanities course ).............................................4
- **IIIB** Gen. Ed. Social Science course ...............................................3-4

**Total:** 15-16/47-48

### Winter/Summer Term

List courses that were taken during winter/summer terms:

- 
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### Third Year

- **MATH 210** Introduction to Discrete Mathematics ...............................4
- **COSC 220** Computer Science II ..........................................................4
- **IVA** Gen. Ed. Lab Science course .........................................................4
- **Elective** 3XX/4XX Level Elective .........................................................3-4

**Total:** 15-16/75-79

### Winter/Summer Term

List courses that were taken during winter/summer terms:

- 
- 

### Fourth Year

- **COSC 420** High-Performance Computing ...........................................4
- **DSCI 470** Research Methods in Data Science .....................................3
- **Elective** Needed for 120 Credits .......................................................3-4
- **Elective** Needed for 120 Credits .......................................................3-4

**Total:** 13-15/102-109

### Winter/Summer Term

List courses that were taken during winter/summer terms:

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**THIS CURRICULUM GUIDE IS AN UNOFFICIAL TOOL FOR PLANNING.**
Matriculated students and advisors should consult the Academic Requirements Report in GullNet before and after registering for classes each semester to track academic progress.

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**Est. 10/2019**

**DATA SCIENCE • Computational Data Science Track**

**MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT • HENSON SCHOOL**

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**Salisbury UNIVERSITY**