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 • Astrostatistics Track CURRICULUM GUIDE
MATHEMATICS AND COMPUTER SCIENCE DEPARTMENT • HENSON SCHOOL

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
  16
- COSC 120 Computer Science I ..........................................................4
- MATH 202 Calculus II .....................................................................4
- HIST XXX Gen. Ed. IIB History course ...........................................4
- ENGL XXX Gen. Ed. IB Literature course .......................................4
  16/32

Winter/Summer Term
List courses that were taken during winter/summer terms:
- __________ ______________________________ .........___
- __________ ______________________________ .........___

Second Year
- MATH 216 Statistical Thinking .......................................................4
- MATH 306 Linear Algebra ................................................................4
- IIA Gen. Ed. Humanities course ....................................................4
- IIB Gen. Ed. Social Science course .................................................3-4
  15-16/47-48
- COSC 311 Introduction to Data Science ...........................................4
- IIC Gen. Ed. Humanities/Social Science course ...............................3-4
- FTWL 106 Lifelong Fitness and Wellness .........................................3
- Elective General Elective ...............................................................3-4
  13-15/60-63

Winter/Summer Term
List courses that were taken during winter/summer terms:
- __________ ______________________________ .........___
- __________ ______________________________ .........___

Third Year
- PHYS 108 Introduction to Astronomy ............................................4
- PHYS 317 Astrophysics and Stellar Astronomy ...............................3
- PHYS 221 Physics .................................................................4
- IVA Gen. Ed. Lab Science course (non-PHYS) ..............................4
- Elective 3XX/4XX Level Elective ..................................................3-4
  14-16/74-79
- PHYS 223 Physics II ....................................................................4
- Elective 3XX/4XX Level Elective ..................................................3-4
- Elective 3XX/4XX Level Elective ..................................................3-4
- Elective 3XX/4XX Level Elective ..................................................3-4
  13-16/87-95

Winter/Summer Term
List courses that were taken during winter/summer terms:
- __________ ______________________________ .........___
- __________ ______________________________ .........___

Fourth Year
- DSCI 470 Research Methods in Data Science .................................3
- PHYS 307 Astronomical Surveys & Databases ..............................3
- Elective 3XX/4XX Level Elective (if needed) ..................................3-4
- Elective Needed for 120 Credits ................................ ..................3-4
  12-14/99-109
- DSCI 490 Capstone Project ............................................................3
- Elective Needed for 120 Credits ................................ ..................3-4
- Elective Needed for 120 Credits ................................ ..................3-4
- Elective Needed for 120 Credits ................................ ..................3-4
  12-15/111-124

Winter/Summer Term
List courses that were taken during winter/summer terms:
- __________ ______________________________ .........___
- __________ ______________________________ .........___

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.