

NAME: _____

ID#: _____

DATE: _____

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.

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.

First Year

- | | | | |
|--------------------------|----------|--|--------------|
| <input type="checkbox"/> | COSC 117 | Programming Fundamentals..... | 4 |
| <input type="checkbox"/> | MATH 201 | Calculus I..... | 4 |
| <input type="checkbox"/> | HIST 10X | Gen. Ed. IIA (HIST 101, 102 or 103)..... | 4 |
| <input type="checkbox"/> | ENGL 103 | Composition and Research..... | 4 |
| | | | 16 |
| | | | |
| <input type="checkbox"/> | COSC 120 | Computer Science I..... | 4 |
| <input type="checkbox"/> | MATH 202 | Calculus II..... | 4 |
| <input type="checkbox"/> | HIST XXX | Gen. Ed. IIB History course..... | 4 |
| <input type="checkbox"/> | ENGL XXX | Gen. Ed. IB Literature course..... | 4 |
| | | | 16/32 |

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Second Year

- | | | | |
|--------------------------|----------|--|--------------------|
| <input type="checkbox"/> | MATH 216 | Statistical Thinking..... | 4 |
| <input type="checkbox"/> | MATH 306 | Linear Algebra..... | 4 |
| <input type="checkbox"/> | IIIA | Gen. Ed. Humanities course..... | 4 |
| <input type="checkbox"/> | IIIB | Gen. Ed. Social Science course..... | 3-4 |
| | | | 15-16/47-48 |
| | | | |
| <input type="checkbox"/> | COSC 311 | Introduction to Data Science..... | 4 |
| <input type="checkbox"/> | IIIC | Gen. Ed. Humanities/Social Science course..... | 3-4 |
| <input type="checkbox"/> | FTWL 106 | Lifelong Fitness and Wellness..... | 3 |
| <input type="checkbox"/> | Elective | General Elective..... | 3-4 |
| | | | 13-15/60-63 |

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Third Year

- | | | | |
|--------------------------|----------|---|--------------------|
| <input type="checkbox"/> | BIOL 210 | Biology: Concepts and Methods..... | 4 |
| <input type="checkbox"/> | IVA | Gen. Ed. Lab Science course (non-BIOL)..... | 4 |
| <input type="checkbox"/> | Elective | 3XX/4XX Level Elective..... | 3-4 |
| <input type="checkbox"/> | Elective | 3XX/4XX Level Elective..... | 3-4 |
| | | | 14-16/74-79 |
| | | | |
| <input type="checkbox"/> | BIOL 302 | Bioinformatics I..... | 4 |
| <input type="checkbox"/> | BIOL 360 | Genetic Analysis..... | 4 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| | | | 14-16/88-95 |

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Fourth Year

- | | | | |
|--------------------------|----------|---------------------------------------|----------------------|
| <input type="checkbox"/> | BIOL 441 | Bioinformatics II..... | 3 |
| <input type="checkbox"/> | DSCI 470 | Research Methods in Data Science..... | 3 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| | | | 12-14/100-109 |
| | | | |
| <input type="checkbox"/> | DSCI 490 | Capstone Project..... | 3 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| <input type="checkbox"/> | Elective | Needed for 120 Credits..... | 3-4 |
| | | | 12-15/112-124 |