

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.
- **Bold courses are foundation courses and are required for courses later in the sequence.**

First Year

<input type="checkbox"/>	MATH 201	Calculus I	4
<input type="checkbox"/>	MATH 216	Statistical Thinking.....	4
<input type="checkbox"/>	HIST 10X	Gen. Ed. IIA (HIST 101, 102 or 103).....	4
<input type="checkbox"/>	FTWL 106	Lifelong Fitness and Wellness.....	3
			15

<input type="checkbox"/>	MATH 202	Calculus II	4
<input type="checkbox"/>	MATH 210	Intro. to Discrete Mathematics	4
<input type="checkbox"/>	ENGL 103	Composition and Research.....	4
<input type="checkbox"/>	IVA	Gen. Ed. Lab Science course.....	4
			16/31

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Second Year

<input type="checkbox"/>	MATH 310	Calculus III.....	4
<input type="checkbox"/>	COSC 117	Programming Fundamentals.....	4
<input type="checkbox"/>	IIIA	Gen. Ed. Humanities course.....	4
<input type="checkbox"/>	HIST XXX	Gen. Ed. IIB History course.....	4
			16/47

<input type="checkbox"/>	COSC 120	Computer Science I.....	4
<input type="checkbox"/>	ENGL XXX	Gen. Ed. IB Literature course.....	4
<input type="checkbox"/>	MATH 306	Linear Algebra.....	4
<input type="checkbox"/>	IIIB	Gen. Ed. Social Science course.....	3-4
			15-16/62-63

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Third Year

<input type="checkbox"/>	COSC 220	Computer Science II.....	4
<input type="checkbox"/>	MATH 311	Differential Equations.....	4
<input type="checkbox"/>	IVA	Gen. Ed. Lab Science course.....	4
<input type="checkbox"/>	Elective	Needed for 120 credits.....	3-4
			15-16/77-79

<input type="checkbox"/>	COSC 320	Advanced Data Structures and Algorithm Analysis.....	4
<input type="checkbox"/>	COSC 362	Theory of Computing.....	4
<input type="checkbox"/>	MATH 471	Numerical Methods.....	4
	OR		
<input type="checkbox"/>	MATH 472	Numerical Linear Algebra.....	4
<input type="checkbox"/>	IIIC	Gen. Ed. Social Science/Humanities course.....	3-4
<input type="checkbox"/>	Elective	If needed for 120 credits.....	3-4
			17-20/94-99

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Fourth Year

<input type="checkbox"/>	COSC 420	High-Performance Computing.....	4
<input type="checkbox"/>	MATH XXX	MATH 475, 465, 447, 471 (if not previously taken) or 472 (if not previously taken).....	4
<input type="checkbox"/>	XXXX XXX	COSC 3XX/4XX or MATH 4XX.....	3-4
<input type="checkbox"/>	Elective	Needed for 120 credits.....	4
			15-16/109-115

<input type="checkbox"/>	MATH 475	Dynamics and Chaos.....	4
<input type="checkbox"/>	XXXX XXX	COSC 3XX/4XX or MATH 4XX.....	3-4
<input type="checkbox"/>	MATH/ COSC 380	OR	
		Internship.....	3
<input type="checkbox"/>	MATH/ COSC 390	OR	
		Undergraduate Research Project.....	3
<input type="checkbox"/>	MATH 495	Directed Consulting.....	3
<input type="checkbox"/>	Elective	Needed for 120 credits.....	3-4
			13-15/122-130