

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"/>	CHEM 121	General Chemistry I	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"/>	IIIA	Gen. Ed. Humanities course	4
			16
<input type="checkbox"/>	CHEM 122	General Chemistry II	4
<input type="checkbox"/>	MATH 202	Calculus II	4
<input type="checkbox"/>	ENGL 103	Composition and Research	4
<input type="checkbox"/>	HIST XXX	Gen. Ed. IIB History Course	4
			16/32

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Second Year

<input type="checkbox"/>	CHEM 221	Organic Chemistry I	4
<input type="checkbox"/>	PHYS 221	Physics I	4
<input type="checkbox"/>	ENGL XXX	Gen. Ed. IB Literature course	4
<input type="checkbox"/>	BIOL 210	Biology: Concepts and Methods	4
			16/48
<input type="checkbox"/>	CHEM 207*	Laboratory Safety	1
<input type="checkbox"/>	CHEM 222	Organic Chemistry II	4
<input type="checkbox"/>	PHYS 223	Physics II	4
<input type="checkbox"/>	BIOL 211	Microbiology	4
	OR		
<input type="checkbox"/>	BIOL 212	Introduction to Plant Biology	4
	OR		
<input type="checkbox"/>	BIOL 213	Zoology	4
<input type="checkbox"/>	FTWL 106	Lifelong Fitness and Wellness	3
			16/64

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Third Year

<input type="checkbox"/>	CHEM 321**	Analytical Chemistry	4
<input type="checkbox"/>	CHEM 341** A	Physical Chemistry I	4
	OR		
<input type="checkbox"/>	CHEM 342	Physical Chemistry III	4
<input type="checkbox"/>	CHEM 417	Biochemistry I	4
<input type="checkbox"/>	IIIB	Gen. Ed. Social Sciences course	3-4
			15-16/79-80
<input type="checkbox"/>	CHEM 333*	Instrumental Analysis	3
<input type="checkbox"/>	CHEM 342* B	Physical Chemistry II	4
<input type="checkbox"/>	CHEM 418*	Biochemistry II	3
<input type="checkbox"/>	BIOL 302	Bioinformatics I	4
	OR		
<input type="checkbox"/>	BIOL 350	Cell Biology	4
			14/93-94

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Fourth Year

<input type="checkbox"/>	CHEM 306**	Fundamentals of Inorganic Chemistry	4
<input type="checkbox"/>	CHEM 403	Principle of Chemical Research	3
	OR		
<input type="checkbox"/>	CHEM 413	Internship/Co-op in Chemistry	3
<input type="checkbox"/>	CHEM 441**	Advanced Experimental Chemistry I	4
<input type="checkbox"/>	BIOL XXX	BIOL Elective 300-/400-Level course	3-4
			14-15/107-109
<input type="checkbox"/>	CHEM 419*	Biochemical Methods	4
<input type="checkbox"/>	IIIC	Gen. Ed. Humanities/Social Sciences course	3-4
<input type="checkbox"/>	Elective	Needed for 120 credits	3-4
<input type="checkbox"/>	Elective	If needed for 120 credits	3-4
			13-16/120-125

* Course offered spring only

** Course offered fall only

A Students must take either CHEM 341 OR CHEM 342, so one may opt to take CHEM 342 during the spring semester and take an elective instead of CHEM 341 during the fall

B Students must take either CHEM 341 OR CHEM 342, so one may opt to take CHEM 341 during the fall semester and take an elective instead of CHEM 342 during the spring