

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"/>	<b>CHEM 121</b>	<b>General Chemistry I</b> .....	4
<input type="checkbox"/>	<b>MATH 198</b>	<b>Calculus for Biology and Medicine</b> .....	4
	<b>OR</b>		
<input type="checkbox"/>	<b>MATH 201</b>	<b>Calculus I</b> .....	4
<input type="checkbox"/>	HIST 10X	Gen. Ed. IIA (HIST 101, 102 or 103) .....	4
<input type="checkbox"/>	CMAT 100	Fundamentals of Communication.....	4
			<b>16</b>
<input type="checkbox"/>	<b>CHEM 122</b>	<b>General Chemistry II</b> .....	4
<input type="checkbox"/>	<b>MATH 202</b>	<b>Calculus II</b> .....	4
<input type="checkbox"/>	<b>BIOL 210</b>	<b>Biology: Concepts and Methods</b> .....	4
<input type="checkbox"/>	ENGL 103	Composition and Research.....	4
			<b>16/32</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

\_\_\_\_\_ .....

\_\_\_\_\_ .....

**Second Year**

<input type="checkbox"/>	<b>CHEM 221</b>	<b>Organic Chemistry I</b> .....	4
<input type="checkbox"/>	ENGL XXX	Gen. Ed. IB Literature course.....	4
<input type="checkbox"/>	<b>PHYS 121</b>	<b>General Physics I</b> .....	4
	<b>OR</b>		
<input type="checkbox"/>	<b>PHYS 221</b>	<b>Physics I</b> .....	4
<input type="checkbox"/>	<b>BIOL 213</b>	<b>Zoology</b> .....	4
			<b>16/48</b>
<input type="checkbox"/>	<b>CHEM 207*</b>	<b>Laboratory Safety</b> .....	1
	<b>OR</b>		
<input type="checkbox"/>	MDTC 101	Safety in the Biological, Chemical Clinical Laboratory.....	1
<input type="checkbox"/>	<b>CHEM 222</b>	<b>Organic Chemistry II</b> .....	4
<input type="checkbox"/>	PHYS 123	General Physics II .....	4
	<b>OR</b>		
<input type="checkbox"/>	PHYS 223	Physics II.....	4
<input type="checkbox"/>	SOCI 101	Introduction to Sociology.....	4
<input type="checkbox"/>	FTWL 106	Lifelong Fitness and Wellness.....	3
			<b>64</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

\_\_\_\_\_ .....

\_\_\_\_\_ .....

**Third Year**

<input type="checkbox"/>	<b>CHEM 321**</b>	<b>Analytical Chemistry</b> .....	4
<input type="checkbox"/>	<b>CHEM 417</b>	<b>Biochemistry I</b> .....	4
<input type="checkbox"/>	<b>BIOL 350</b>	<b>Cell Biology</b> .....	4
<input type="checkbox"/>	Elective	Needed for 120 credits .....	3-4
		(Students are encouraged to consider BIOL 215, 216, 4 credits each, for these third-year electives.)	
			<b>15-16/79-80</b>
<input type="checkbox"/>	PSYC 101	General Psychology.....	4
<input type="checkbox"/>	<b>CHEM 418*</b>	<b>Biochemistry II</b> .....	3
<input type="checkbox"/>	<b>BIOL 370</b>	<b>Molecular Genetics</b> .....	4
<input type="checkbox"/>	Elective	Needed for 120 credits .....	3-4
		(Students are encouraged to consider BIOL 215, 216, 4 credits each, for these third-year electives.)	
			<b>14-15/93-95</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

\_\_\_\_\_ .....

\_\_\_\_\_ .....

**Fourth Year**

<input type="checkbox"/>	<b>CHEM 306**</b>	<b>Fundamentals of Inorganic Chemistry</b> .....	4
<input type="checkbox"/>	<b>CHEM 341**</b>	<b>Physical Chemistry I</b> .....	4
	<b>OR</b>		
<input type="checkbox"/>	Elective	Needed for 120 credits .....	3-4
<input type="checkbox"/>	<b>CHEM 403</b>	<b>Principle of Chemical Research</b> .....	3
	<b>OR</b>		
<input type="checkbox"/>	<b>CHEM 413</b>	<b>Internship/Co-op in Chemistry</b> .....	3
<input type="checkbox"/>	<b>CHEM 441**</b>	<b>Advanced Experimental Chemistry I</b> .....	4
			<b>14-15/107-110</b>
<input type="checkbox"/>	CHEM 333*	Instrumental Analysis.....	3
<input type="checkbox"/>	CHEM 342*	Physical Chemistry II.....	4
	<b>OR</b>		
<input type="checkbox"/>	Elective	Needed for 120 credits .....	3-4
<input type="checkbox"/>	CHEM 419*	Biochemical Methods.....	4
<input type="checkbox"/>	HIST XXX	Gen. Ed. IIB History Course.....	4
			<b>14-15/121-125</b>

\* Course offered spring only

\*\* Course offered fall only