

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 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.
- Ⓢ indicates the recommended minimum grade; although a C meets the requirement, SU history shows that students who graduate with this major earned this grade or higher for this course.
- **Bold courses are foundation courses and are required for courses later in the sequence.**

**First Year**

<input type="checkbox"/>	<b>PHYS 221</b> Ⓢ	<b>Physics I</b> .....	4
<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"/>	FTWL 106	Lifelong Fitness and Wellness.....	3
			<b>15</b>
<input type="checkbox"/>	<b>PHYS 223</b> Ⓢ	<b>Physics II</b> .....	4
<input type="checkbox"/>	<b>MATH 202</b> Ⓢ	<b>Calculus II</b> .....	4
<input type="checkbox"/>	ENGL 103	Composition and Research .....	4
<input type="checkbox"/>	ENGR 100Ⓢ	Introduction to Engineering Design .....	3
			<b>15/30</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Second Year**

<input type="checkbox"/>	<b>PHYS 225</b>	<b>Physics III</b> .....	3
<input type="checkbox"/>	<b>CHEM 121</b>	<b>General Chemistry I</b> .....	4
<input type="checkbox"/>	<b>MATH 310</b>	<b>Calculus III</b> .....	4
<input type="checkbox"/>	<b>ENGR 110</b>	<b>Statics</b> .....	3
<input type="checkbox"/>	HIST XXX	Gen. Ed. IIB History course .....	4
			<b>18/48</b>
<input type="checkbox"/>	<b>PHYS 309</b>	<b>Mathematical Physics</b> .....	3
<input type="checkbox"/>	CHEM 122	General Chemistry II .....	4
<input type="checkbox"/>	<b>MATH 311</b>	<b>Differential Equations I</b> .....	4
<input type="checkbox"/>	ENGR/PHYS	Track Elective (1 of 5).....	3-4
			<b>14-15/62-63</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Third Year**

<input type="checkbox"/>	<b>PHYS 311</b>	<b>Electrical Circuits and Electronics</b> .....	4
<input type="checkbox"/>	<b>PHYS 313</b>	<b>Introduction to Modern Physics</b> .....	3
<input type="checkbox"/>	ENGR/PHYS	Track Elective (2 of 5).....	3-4
<input type="checkbox"/>	ENGR/PHYS	Track Elective (3 of 5).....	3-4
			<b>13-15/75-78</b>
<input type="checkbox"/>	PHYS 314	Mechanics.....	3
<input type="checkbox"/>	PHYS 315	Electricity and Magnetism.....	3
<input type="checkbox"/>	IIIA	Gen. Ed. Humanities course .....	4
<input type="checkbox"/>	ENGR/PHYS	Track Elective (4 of 5).....	3-4
<input type="checkbox"/>	ENGR/PHYS	Track Elective (5 of 5).....	3-4
			<b>16-18/91-96</b>

**Winter/Summer Term**

List courses that were taken during winter/summer terms:

- \_\_\_\_\_ .....
- \_\_\_\_\_ .....

**Fourth Year**

<input type="checkbox"/>	<b>PHYS 470</b>	<b>Senior Seminar</b> .....	1
<input type="checkbox"/>	IIIB	Gen. Ed. Social Science course.....	3-4
<input type="checkbox"/>	Electives	Needed for 120 Credits .....	4
<input type="checkbox"/>	Electives	Needed for 120 Credits .....	4
<input type="checkbox"/>	ENGL XXX	Gen. Ed. IB Literature course.....	4
			<b>16-17/107-113</b>
<input type="checkbox"/>	PHYS 490	Research.....	2
	OR		
<input type="checkbox"/>	ENGR 490	Engineering Research .....	2
<input type="checkbox"/>	IIIC	Gen. Ed. Social Science/Humanities course.....	3-4
<input type="checkbox"/>	Electives	Needed for 120 Credits .....	4
<input type="checkbox"/>	Electives	Needed for 120 Credits .....	4
			<b>13-14/120-127</b>