

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

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Second Year

<input type="checkbox"/> PHYS 225	Physics III	3
<input type="checkbox"/> CHEM 121	General Chemistry I	4
<input type="checkbox"/> MATH 310	Calculus III	4
<input type="checkbox"/> ENGR 110	Statics	3
<input type="checkbox"/> HIST XXX	Gen. Ed. IIB History course	4
		18/48
<input type="checkbox"/> PHYS 309	Mathematical Physics	3
<input type="checkbox"/> CHEM 122	General Chemistry II	4
<input type="checkbox"/> MATH 311	Differential Equations I	4
<input type="checkbox"/> ENGR 221	Dynamics	3
		14/62

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Third Year

<input type="checkbox"/> PHYS 311	Electrical Circuits and Electronics	4
<input type="checkbox"/> PHYS 313	Introduction to Modern Physics	3
<input type="checkbox"/> ENGR 220	Mechanics of Materials	3
<input type="checkbox"/> PHYS 322	Digital Electronics	4
		14/76
<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 232	Thermodynamics.....	3
<input type="checkbox"/> PHYS 321	Analog Electronics	3
		16/92

Winter/Summer Term

List courses that were taken during winter/summer terms:

- _____
- _____

Fourth Year

<input type="checkbox"/> PHYS 413	Computer Architecture and Interfacing	3
<input type="checkbox"/> PHYS 470	Senior Seminar	1
<input type="checkbox"/> IIIB	Gen. Ed. Social Science course.....	3-4
<input type="checkbox"/> Electives	Needed for 120 Credits	4
<input type="checkbox"/> ENGL XXX	Gen. Ed. IB Literature course.....	4
		15-16/107-108
<input type="checkbox"/> PHYS 490	Research	2
OR		
<input type="checkbox"/> ENGR 490	Engineering Research	2
<input type="checkbox"/> ENGR 331	Fluid Mechanics	3
<input type="checkbox"/> IIIC	Gen. Ed. Social Science/Humanities course.....	3-4
<input type="checkbox"/> Electives	Needed for 120 Credits	4
		12-13/119-121