

NAME: \_\_\_\_\_

ID#: \_\_\_\_\_

DATE: \_\_\_\_\_

**THIS CHECKLIST 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.
- Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
- 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.
- It is the student's responsibility to satisfy graduation requirements.  
Please refer to the SU catalog for detailed major requirements.
- Students must apply online for graduation by November 15 for May and by May 15 for December.

**GENERAL EDUCATION REQUIREMENTS**

Course No. & Title	#Credits	Grade	Term Completed
<b>Group I: English Composition and Literature (2 courses)</b>			
A. C or better in ENGL 103 or HONR 111	4	_____	_____
B. Literature course (from either ENGL or MDFL Depts.)	4	_____	_____
<b>Group II: History (2 courses)</b>			
A. HIST101, 102, or 103	4	_____	_____
B. HIST101, 102, 103 or a HIST course above 103	4	_____	_____
<b>Group III: Humanities and Social Sciences (3 courses)</b>			
A. Select one course from one of the following seven areas: ART, COMM, DANC or THEA, MDFL, MUSC, PHIL, HONR 211			
	4	_____	_____
B. Select one course from one of the following eight areas: ANTH, CADR, ECON or FINA, ENVR, Human GEOG, POSC, PSYC, SOCI, HONR 112			
	3/4	_____	_____
C. Select one course from either Group IIIA or IIIB (course must be from a different area than previously selected)			
	3/4	_____	_____
<b>Group IV: Natural Science, Math and Computer Science (4 courses)</b>			
A. Select courses with laboratories from at least two of the following four areas: BIOL, CHEM, GEOL or Physical GEOG, PHYS			
		FULFILLED BY MAJOR	
		FULFILLED BY MAJOR	
B. Select one additional course (need not be a lab) from Group IVA or ENVR or ENVR or COSC or MATH or HONR 212			
		FULFILLED BY MAJOR	
C. Select one course from MATH			
		FULFILLED BY MAJOR	
<b>Group V: Health Fitness (1 course)</b>			
FTWL106 - Lifelong Fitness and Wellness	3	_____	_____

**MAJOR REQUIREMENTS**

- All required physics courses must be completed with a minimum overall GPA of 2.0.

Course No. & Title	#Credits	Grade	Term Completed
<b>CHEMISTRY (2 courses)</b>			
CHEM121 - General Chemistry I	4	_____	_____
CHEM122 - General Chemistry II	4	_____	_____
<b>MATH (4 courses)</b>			
MATH201 - Calculus I	4	_____	_____
MATH202 - Calculus II	4	_____	_____
MATH310 - Calculus III	4	_____	_____
MATH311 - Differential Equations I	4	_____	_____
<b>PHYSICS CORE (8 courses)</b>			
PHYS221 - Physics I	4	_____	_____
PHYS223 - Physics II	4	_____	_____
PHYS225 - Physics III	3	_____	_____
PHYS309 - Mathematical Physics	3	_____	_____
PHYS311 - Electrical Circuits and Electronics	4	_____	_____
PHYS313 - Introduction to Modern Physics	3	_____	_____
PHYS314 - Mechanics	3	_____	_____
PHYS315 - Electricity and Magnetism	3	_____	_____
<b>ENGINEERING PHYSICS CORE (4 courses)</b>			
ENGR100 - Introduction to Engineering Design	3	_____	_____
ENGR110 - Statics	3	_____	_____
PHYS470 - Senior Seminar	1	_____	_____
PHYS490 - Research	2	_____	_____
or			
ENGR490 - Research in Engineering	2	_____	_____
<b>ENGINEERING PHYSICS TRACK (5 courses)</b>			
<b>Complete 5 from the following (circle courses taken):</b>			
ENGR220 - Mechanics of Materials	3	_____	_____
ENGR221 - Dynamics	3	_____	_____
ENGR232 - Thermodynamics	3	_____	_____
ENGR331 - Fluid Mechanics	3	_____	_____
ENGR332 - Heat Transfer	3	_____	_____
ENGR361 - Vibrations, Control and Optimization	3	_____	_____
ENGR409 - Acoustics	3	_____	_____
PHYS318 - Semiconductor Physics	3	_____	_____
PHYS321 - Analog Electronics	3	_____	_____
PHYS322 - Digital Electronics	4	_____	_____
PHYS413 - Computer Architecture and Interfacing	3	_____	_____