

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
Group I: English Composition and Literature (2 courses)			
A. C or better in ENGL 103 or HONR 111	4	_____	_____
B. Literature course (from either ENGL or MDFL Depts.)	4	_____	_____
Group II: History (2 courses)			
A. HIST101, 102, or 103	4	_____	_____
B. HIST101, 102, 103 or a HIST course above 103	4	_____	_____
Group III: Humanities and Social Sciences (3 courses)			
A. Select one course from one of the following seven areas: ART, CMAT, 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	_____	_____
Group IV: Natural Science, Math and Computer Science (4 courses)			
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	
Group V: Health Fitness (1 course)			
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
CHEMISTRY (2 courses)			
CHEM121 - General Chemistry I	4	_____	_____
CHEM122 - General Chemistry II	4	_____	_____
MATH (4 courses)			
MATH201 - Calculus I	4	_____	_____
MATH202 - Calculus II	4	_____	_____
MATH310 - Calculus III	4	_____	_____
MATH311 - Differential Equations I	4	_____	_____
PHYSICS CORE (8 courses)			
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	_____	_____
ENGINEERING PHYSICS CORE (4 courses)			
ENGR100 - Introduction to Engineering Design	3	_____	_____
ENGR110 - Statics	3	_____	_____
PHYS470 - Senior Seminar	1	_____	_____
PHYS490 - Research	2	_____	_____
or			
ENGR490 - Research in Engineering	2	_____	_____
ENGINEERING PHYSICS TRACK (5 courses)			
Complete 5 from the following (circle courses taken):			
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	_____	_____