

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			
B. Select one additional course (need not be a lab) from Group IVA or ENVH 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 courses taken for the major must be completed with a grade of C or better.

Course No. & Title	#Credits	Grade	Term Completed
<b>DATA SCIENCE CORE (9 courses)</b>			
COSC117 - Programming Fundamentals	4	_____	_____
COSC120 - Computer Science I	4	_____	_____
COSC311 - Introduction to Data Science	4	_____	_____
MATH201 - Calculus I	4	_____	_____
MATH202 - Calculus II	4	_____	_____
MATH216 - Statistical Thinking	4	_____	_____
MATH306 - Linear Algebra	4	_____	_____
DSCI470 - Research Methods in Data Science	3	_____	_____
DSCI490 - Capstone Project	3	_____	_____
<b>ASTROSTATISTICS TRACK (4 courses)</b>			
PHYS221 - Physics I	4	_____	_____
PHYS223 - Physics II	4	_____	_____
PHYS307 - Astronomical Surveys and Databases	3	_____	_____
<b>Complete 1 course from the following:</b>			
PHYS108 - Introduction to Astronomy	4	} _____	_____
or PHYS317 - Astrophysics and Stellar Astronomy	3		

