

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, 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	_____	_____
<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			
_____	4	_____	_____
_____	4	_____	_____
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.
- Only one of MATH380/390/495 may be used to satisfy requirements in this major.
- Transfer students are required to complete at least 12 credits of approved upper-division MATH/COSC courses at SU.
- Math courses taken before declaring the mathematics major should be evaluated by an advisor before proceeding with course selection.

Course No. & Title	#Credits	Grade	Term Completed
<b>MATHEMATICS CORE (6 courses)</b>			
MATH201 - Calculus I	4	_____	_____
MATH202 - Calculus II	4	_____	_____
MATH210 - Introduction to Discrete Mathematics	4	_____	_____
MATH216 - Statistical Thinking	4	_____	_____
MATH306 - Linear Algebra	4	_____	_____
MATH310 - Calculus III	4	_____	_____

**COURSEWORK FOR APPLIED OPTION (7 courses)**

**Complete the following:**

COSC117 - Programming Fundamentals	4	}	_____	_____
or COSC120 - Computer Science I	4		_____	_____
MATH311 - Differential Equations I	4		_____	_____
MATH413 - Mathematical Statistics I	4		_____	_____
MATH451 - Analysis I	4		_____	_____

**Complete 1 of the following (circle course taken):**

MATH414 - Mathematical Statistics II	4	}	_____	_____
MATH452 - Analysis II	4		_____	_____

**Complete 2 of the following (circle courses taken):**

MATH465 - Mathematical Models and Applications	4	}	_____	_____
MATH471 - Numerical Methods	4		_____	_____
MATH475 - Dynamics and Chaos	4		_____	_____
MATH493 - Advanced Topics in Statistics	4		_____	_____

**ADDITIONAL MATH ELECTIVES (2 courses)**

MATH _____ (300/400 level)	3/4	_____	_____
MATH _____ (400 level)	3/4	_____	_____