

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, 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	_____	_____
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			
_____	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
Group V: Health Fitness (1 course)			
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 MATH 380, 390 or 495 may be used to satisfy requirements for the 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
MATHEMATICS CORE (6 courses)			
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	_____	_____

COMPUTATIONAL MATHEMATICAL SCIENCES REQUIREMENTS (10 courses)

COSC117 - Programming Fundamentals	4	_____	_____
COSC120 - Computer Science I	4	_____	_____
COSC220 - Computer Science II	4	_____	_____
COSC320 - Advanced Data Structures and Algorithm Analysis	4	_____	_____
COSC362 - Theory of Computing	4	_____	_____
COSC420 - High-Performance Computing	4	_____	_____
MATH311 - Differential Equations	4	_____	_____
MATH471 - Numerical Methods	4	_____	_____
MATH472 - Numerical Linear Algebra	4	_____	_____
MATH475 - Dynamics and Chaos	4	_____	_____

ELECTIVES (3 courses)

Complete an approved research project or internship from 1 of the following

(circle course(s) taken):

MATH/COSC380 - Internship	3	_____	_____
MATH/COSC390 - Undergraduate Research Project	3	_____	_____
MATH495 - Directed Consulting	4	_____	_____

Complete 2 upper-level COSC courses or 400-level MATH courses.

COSC 380, COSC 390 and MATH 495 do not satisfy this requirement.

_____	3/4	_____	_____
_____	3/4	_____	_____