

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			FULFILLED BY MAJOR
			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**

- Complete 44 hours of biology courses with a minimum GPA of 2.0; 24 of those hours must be at the 300/400 level. Approved courses include ENVS 498 and 499.
- Complete 30 hours of coursework at UMES, including at least 24 hours of designated BIOL/ENVS courses.

Course No. & Title	#Credits	Grade	Term Completed
<b>BIOLOGY CORE</b>			
<b>Complete the following:</b>			
BIOL210* - Biology: Concepts & Methods	4	_____	_____
BIOL310- Ecology	4	_____	_____
BIOL350 - Cell Biology	4	_____	_____
BIOL375 Evolution	3	_____	_____

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

BIOL211* - Microbiology	4	} _____	_____
BIOL212* - Introduction to Plant Biology	4		
BIOL213* - Zoology	4		

\* A C or better is required in BIOL210, 211 212 and 213 before taking any courses for which they are a prerequisite and as a requirement for graduation.

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

BIOL360 - Genetic Analysis	4	} _____	_____
BIOL370 - Molecular Genetics	4		

**ENVIRONMENTAL SCIENCE COURSES**

ENVS201(lec)/203(lab)** - Marine Biology	4	_____	_____
ENVS202(lec)/204(lab)** - Oceanography	4	_____	_____
ENVS221(lec)/222(lab)** - Principles of Environmental Science	4	_____	_____
ENVS403(lec)/405(lab)** - Marine Ecotoxicology	4	_____	_____
DNSC400** - Senior Proficiency Exam	1	_____	_____

**Complete the following:**

BIOL401 - Wetland Ecology	4	_____	_____
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**Complete 1 of the following (circle course taken):**

BIOL410 - Estuarine Ecology	4	} _____	_____
BIOL488** - Marine and Estuarine Ecology	4		

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

BIOL420 - Independent Study	3	} _____	_____
ENVS498** - Independent Study	3		

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

BIOL415 - Undergraduate Research	3	} _____	_____
ENVS499** - Undergraduate Research	4		

\*\* UMES courses; C or better is required.

**REQUIRED RELATED SCIENCES COURSES**

CHEM121*** - General Chemistry I	4	_____	_____
CHEM122*** - General Chemistry II	4	_____	_____
CHEM221 - Organic Chemistry I	4	_____	_____
CHEM222*** - Organic Chemistry II	4	_____	_____
PHYS121 - General Physics I	4	_____	_____
PHYS123 - General Physics II	4	_____	_____
MATH155 - Modern Statistics with Computer Analysis	3	_____	_____

\*\*\* A C or better is required in CHEM121 and 122 before taking any courses for which they are a prerequisite and as a requirement for graduation.

\*\*\*\* A C or better is required in CHEM121 as a prerequisite to this course.

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

MATH198 - Calculus I for Biology and Medicine	4	} _____	_____
MATH201 - Calculus I	4		

**Complete the following:**

MATH202 - Calculus II	4	_____	_____
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**Complete 1 of the following (circle course taken):**

GEOG104 - Earth and Space Science	4	} _____	_____
GEOG105 - Introduction to Physical Geography	4		
GEOG219 - Map Analysis and Interpretation	4		