

Name: \_\_\_\_\_

ID: \_\_\_\_\_

Date: \_\_\_\_\_

**General Education Requirements:**

Circle appropriate credit for course taken      SemYr    Grade

**Group I- English Composition and Literature (2 courses)**

A. ENGL 103 (“C” or better) or HONR 111      3-4

B. Literature (either ENGL or MDFL) \_\_\_\_\_ 3-4

**Group II- History (2 courses)**

A. HIST 101, 102, or 103      3-4

B. HIST 101, 102, 103, or a HIST course above 103      3-4

**Group III-Humanities & Social Sciences (3 courses)**

A. Select one course from one of the following six areas:

ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, or HONR 211

\_\_\_\_\_ 3-4

B. Select one course from one of the following seven areas:

ANTH, CADR, ECON, Human GEOG, POSC, PSYC, SOCI, or HONR 112

\_\_\_\_\_ 3-4

C. Select one course from either Group IIIA or III B (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 (at least six credit hours total): BIOL, CHEM, GEOL or Physical GEOG, PHYS

\_\_\_\_\_ 3-4

\_\_\_\_\_ 3-4

B. Select one additional course (need not be a lab) from Group IVA or ENVH or COSC or MATH or HONR

Satisfied by major \_\_\_\_\_ X

C. Select one course from MATH

Satisfied by major \_\_\_\_\_ X

**Group V-Health Fitness (1 course)**

PHEC 106      3

**University Policies**

1. Refer to the SU catalog for approved general education courses.
2. Requirements may not equal 120 credit hours. Students must register for additional electives to complete 120 credits required for graduation.
3. 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.
4. Students must have a minimum cumulative GPA of 2.0 for graduation.
5. Students must complete at least 30 credit hours by direct classroom instruction and/or laboratory experience.
6. Students must take 30 of the last 37 credit hours at SU.
7. Students should consult the degree progress report in GullNet for information on their academic progress.
8. It is the student’s responsibility to satisfy graduation requirements. Please refer to the SU catalog for detailed major requirements.
9. Students must apply online for graduation by Nov. 15 for May and May 15 for December.

**Major Requirements:**

Check courses taken and record sem/year/grade.

MATHEMATICS CORE

|          |            |       |       |
|----------|------------|-------|-------|
| MATH 201 | Calculus I | SemYr | Grade |
| _____    | _____      | _____ | _____ |

|          |             |       |       |
|----------|-------------|-------|-------|
| MATH 202 | Calculus II | _____ | _____ |
|----------|-------------|-------|-------|

|          |               |       |       |
|----------|---------------|-------|-------|
| MATH 210 | Discrete Math | _____ | _____ |
|----------|---------------|-------|-------|

|          |                      |       |       |
|----------|----------------------|-------|-------|
| MATH 213 | Statistical Thinking | _____ | _____ |
|----------|----------------------|-------|-------|

|          |                       |       |       |
|----------|-----------------------|-------|-------|
| MATH 214 | Statistics Laboratory | _____ | _____ |
|----------|-----------------------|-------|-------|

|          |                |       |       |
|----------|----------------|-------|-------|
| MATH 306 | Linear Algebra | _____ | _____ |
|----------|----------------|-------|-------|

|          |              |       |       |
|----------|--------------|-------|-------|
| MATH 310 | Calculus III | _____ | _____ |
|----------|--------------|-------|-------|

|          |                      |       |       |
|----------|----------------------|-------|-------|
| COSC 120 | Computer Programming | _____ | _____ |
|----------|----------------------|-------|-------|

COMPUTER SCIENCE CONCENTRATION REQUIREMENTS

|          |                     |       |       |
|----------|---------------------|-------|-------|
| COSC 220 | Computer Science II | _____ | _____ |
|----------|---------------------|-------|-------|

|          |                            |       |       |
|----------|----------------------------|-------|-------|
| COSC 250 | Microcomputer Organization | _____ | _____ |
|----------|----------------------------|-------|-------|

|          |                                       |       |       |
|----------|---------------------------------------|-------|-------|
| COSC 320 | Adv. Data Structures & Algo. Analysis | _____ | _____ |
|----------|---------------------------------------|-------|-------|

|               |                                     |       |       |
|---------------|-------------------------------------|-------|-------|
| COSC/MATH 362 | Mathematical Found. Of Computer Sci | _____ | _____ |
|---------------|-------------------------------------|-------|-------|

**Plus one of the following sequences of courses**

|          |                        |       |       |
|----------|------------------------|-------|-------|
| COSC 425 | Software Engineering I | _____ | _____ |
|----------|------------------------|-------|-------|

AND

|          |                         |       |       |
|----------|-------------------------|-------|-------|
| COSC 426 | Software Engineering II | _____ | _____ |
|----------|-------------------------|-------|-------|

**OR**

|          |                  |       |       |
|----------|------------------|-------|-------|
| COSC 350 | Systems Software | _____ | _____ |
|----------|------------------|-------|-------|

AND

|          |                   |       |       |
|----------|-------------------|-------|-------|
| COSC 450 | Operating Systems | _____ | _____ |
|----------|-------------------|-------|-------|

**Plus two upper-level COSC or MATH courses**

|                      |       |       |       |
|----------------------|-------|-------|-------|
| COSC/MATH 3__ or 4__ | _____ | _____ | _____ |
|----------------------|-------|-------|-------|

|                      |       |       |       |
|----------------------|-------|-------|-------|
| COSC/MATH 3__ or 4__ | _____ | _____ | _____ |
|----------------------|-------|-------|-------|

**Plus three upper-level MATH courses**

(only one of either COSC or MATH 380/390/495 may be used)

|                 |       |       |       |
|-----------------|-------|-------|-------|
| MATH 3__ or 4__ | _____ | _____ | _____ |
|-----------------|-------|-------|-------|

|          |       |       |       |
|----------|-------|-------|-------|
| MATH 4__ | _____ | _____ | _____ |
|----------|-------|-------|-------|

|          |       |       |       |
|----------|-------|-------|-------|
| MATH 4__ | _____ | _____ | _____ |
|----------|-------|-------|-------|

ELECTIVES (TO BRING TOTAL CREDITS TO 120)

SemYr    Credit    Grade

|       |       |       |
|-------|-------|-------|
| _____ | _____ | _____ |
|-------|-------|-------|

|       |       |       |
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**Departmental Policies**

1. All courses taken for the math major must be completed with a grade of “C” or better.
2. Only one of MATH 380/390/495 may be used to satisfy requirements in this major.
3. Transfer students majoring in mathematics are required to complete at least 12 credits of approved upper-division MATH/COSC courses at SU.
4. Math courses taken before declaring the mathematics major should be evaluated by an advisor before proceeding with course selection.