

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, 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 | _____ | _____ |
| 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 | | | |
| | | FULFILLED BY MAJOR | |
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| 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 required physics courses must be completed with a minimum overall GPA of 2.0.

| Course No. & Title | #Credits | Grade | Term Completed |
|---|----------|-------|----------------|
| CHEMISTRY (2 courses) | | | |
| CHEM121 - General Chemistry I | 4 | _____ | _____ |
| CHEM122 - General Chemistry II | 4 | _____ | _____ |
| MATH (4 courses) | | | |
| MATH201 - Calculus I | 4 | _____ | _____ |
| MATH202 - Calculus II | 4 | _____ | _____ |
| MATH310 - Calculus III | 4 | _____ | _____ |
| MATH311 - Differential Equations I | 4 | _____ | _____ |
| PHYSICS CORE (8 courses) | | | |
| PHYS221 - Physics I | 4 | _____ | _____ |
| PHYS223 - Physics II | 4 | _____ | _____ |
| PHYS225 - Physics III | 3 | _____ | _____ |
| PHYS309 - Mathematical Physics | 3 | _____ | _____ |
| PHYS311 - Electrical Circuits and Electronics | 4 | _____ | _____ |
| PHYS313 - Introduction to Modern Physics | 3 | _____ | _____ |
| PHYS314 - Mechanics | 3 | _____ | _____ |
| PHYS315 - Electricity and Magnetism | 3 | _____ | _____ |
| MICROELECTRONICS TRACK (7 courses) | | | |
| PHYS316 - Quantum Mechanics | 3 | _____ | _____ |
| PHYS318 - Semiconductor Physics | 3 | _____ | _____ |
| PHYS321 - Analog Electronics | 3 | _____ | _____ |
| PHYS322 - Digital Electronics | 4 | _____ | _____ |
| PHYS413 - Computer Architecture and Interfacing | 3 | _____ | _____ |
| PHYS470 - Senior Seminar | 1 | _____ | _____ |
| PHYS475 - Capstone Design Project | 2 | _____ | _____ |

