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.

**Major Requirements**
- All required physics courses must be completed with a minimum overall GPA of 2.0.

<table>
<thead>
<tr>
<th>Course No. &amp; Title</th>
<th>#Credits</th>
<th>Grade</th>
<th>Term Completed</th>
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</thead>
</table>

**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 4
- PHYS309 - Mathematical Physics 3
- PHYS311 - Electrical Circuits and Electronics 4
- PHYS313 - Introduction to Modern Physics 3
- PHYS314 - Mechanics 3
- PHYS315 - Electricity and Magnetism 3

**General Track (4 courses)**
- PHYS316 - Quantum Mechanics 3
- PHYS407 - Senior Laboratory 3
- PHYS470 - Senior Seminar 1
- PHYS490 - Research in Physics 2

**300/400-Level Physics Courses (3 courses)**
Complete at least 3 from the following circle courses taken:
- PHYS317* - Astrophysics 3
- PHYS318* - Semiconductor Physics 3
- PHYS319 - Thermodynamics and Statistical Mechanics 3
- PHYS320 - Waveoptics 3
- PHYS321* - Analog Electronics 3
- PHYS322 - Digital Electronics 3
- PHYS410 - Advanced Math Physics 3
- PHYS413 - Computer Architecture and Interfacing 3
- PHYS414 - Advanced Mechanics 3
- ENGR482 - Microwave Engineering 3

* Recommended to meet this requirement.