

**FIRST YEAR COURSE SELECTION****Course Selection - 2<sup>nd</sup> Semester 1<sup>st</sup> Year:**

Majors SHOULD take the following courses (if not already taken):

- T1WC: ENG 112-Writing Arguments (or ENG 120 if they are currently in ENG 119)
- Math in sequence toward T1QR: MAT 150-Calculus 1 (see below)
  - If students are currently taking MAT 150, they should take MAT 151-Calculus II
- PHY 230- Physics for Scientists & Engineers I (pre/co-req. MAT 150) (see below)
  - If currently taking PHY 230, they should take PHY 231 (pre/co-req. MAT 151) in the spring.

Remaining courses: Students should take LEP Tier 1 and Tier 2 courses.

**Course Recommendations if students are not yet at MAT 150 or MAT 151:**

- If students are not yet at MAT 150 in the spring, they should take math courses in the sequence towards MAT 150. These students will not take a PHY course until they are in MAT 150.
- Students should consider taking CHE 120 to meet Physical Realm requirement as soon as possible.

**Important Advising Information:****LEP T1/T2 Restricted Courses:**

- T1QR: Quantitative Reasoning: MAT 150 – Calculus I (C- or better)
- T2AE: HIS 110 or 111 - US History I or II (Students can take this course at any time.)
- T2MB: SHE 203 – School Health (Students can take this course at any time.)
- T2NWI: CHE 120 – General Chemistry I
- T2SC: EDU 200 – Teachers, Schools and Society

**T1QR Math Requirement Information:**

- Sequencing to get to the MAT 150 requirement (begin appropriate to placement score):
  - MAT 100/100p, MAT 112, MAT 122, MAT 150

**Important Note:** students need 'C-' or better to move on to next course.

- To stay on track to a timely graduation, students should meet the T1QR math requirement (MAT 150) as soon as possible. If needed, students should be encouraged to take summer math courses to meet their T1QR requirement in the first semester of their sophomore year.

**PHY 230 and 231 Information:**

If PHY 230- Physics for Scientists & Engineers I was not taken in the fall, but the student has the equivalent course from another university, the student can register for PHY 231. If there are any questions, contact the Physics Department Chair, Prof. Horch, at [horche2@southernct.edu](mailto:horche2@southernct.edu)

**Cognates:** Students should be aware that there are Math, Chemistry, and CSC cognates (see catalog).

**Teacher Certification Program:**

Students should plan on taking EDU 200 in the first semester of their sophomore year. They will then formally apply to the School of Education in their sophomore year once EDU 200 is complete. They will

need a 2.7 GPA to apply. They should plan to meet with the Secondary Science Certification Program Coordinator, Dr. Sherwood, in Curriculum and Learning in their second semester.