

FIRST YEAR COURSE SELECTION.**Course Selection - 2nd Semester 1st 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
- EGR 151- Engineering Concepts (pre-requisite or co-requisite: MAT 122)
- PHY 230- Physics for Scientists & Engineers I (pre-requisite or co-requisite: 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 who will take MAT 122 in the spring should also take EGR 151 in the spring.
- Students should consider taking T2NWI: CHE 120.

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

- T1QR: Quantitative Reasoning: MAT 150 – Calculus I (C- or better)
- T2NWI: CHE 120 – General Chemistry I

T1QR Math Requirement Information:

- Sequencing to get to the MAT 150 requirement (begin appropriate to placement score):
Important Note: students need 'C-' or better to move on to next course.
 - MAT 100/100P, MAT 112, MAT 122, MAT 150
- 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 horche2@southernct.edu

Cognates:

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

