

FIRST YEAR COURSE SELECTION**Course Selection - 2nd Semester 1st Year:**

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

- BIO 102-Biology I (Zoology) **OR** BIO 103-Biology II (Botany) (whichever was not taken in the fall)
 - If the student has finished BIO 102 and 103 (T2NWII), they should take BIO 220 Genetics, and/or BIO 233 Microbiology, and/or BIO296 Genomics I. (In order to progress through major courses, it is acceptable for first year Biotechnology students to take more than one Biology course in a semester.)
- T1WC: ENG 112-Writing Arguments (or ENG 120 if they are currently in ENG 119)
- Math in sequence toward T1QR: MAT 150 (see below)
 - If students have completed T1QR, suggest they take T2NWI: CHE 120-General Chemistry I

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

Important Advising Information:

LEP T1/T2 Restricted Courses: These courses are shared with the major or cognates.

- T1QR: Quantitative Reasoning: MAT 150 – Calculus I (C- or better in all MAT)
- T2NWI: CHE 120-General Chemistry I
- T2NWII: BIO 103-Botany (C or better)

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 MAT course.
- To stay on track to a timely graduation, students should meet the T1QR math requirement by the end of their 3rd semester.

Biology Courses:

- BIO 102 and 103: Biotechnology majors should have BIO 102 and BIO 103 completed by the end of their first year. To stay on track to a timely graduation, students who will not complete both by the end of the first year should be encouraged to take a summer course. A 'C' or better required in foundational BIO courses.
- If a student has completed BIO 102 and BIO 103, they should take BIO 220 Genetics, and/or BIO 233 Microbiology or BIO296 Genomics I.

Advanced in Math/Bio:

If a student has taken MAT 100/100P or above, they could take T2NWI: CHE 120-General Chemistry I.