BS: MATHEMATICS – ALL CONCENTRATIONS

CATALOG YEAR 2023

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)
- MAT 115
- Math in sequence toward T1QR: Math 150 (see below)
 - Students who took MAT 150 in their 1st semester should take MAT 151 and MAT 372 in their 2nd semester.

A math major in MAT 111 or higher or with a MAT 120 or higher placement level could take DSC 100.

Major COULD take the following course, if it fits into their schedule:

• If the student has not yet completed T1TF they could choose to take MAT 140 (preferred), CSC 101, CSC 104, or CSC 200. Students interested in taking a Computer Science Minor should definitely be encouraged to take a CSC course for their T1TF course.

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

Important Advising Information:

LEP T1/T2 Restricted Courses/Recommended Courses: These can share with major.

• T1QR: Quantitative Reasoning: MAT 150 – Calculus I (C- or better)

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.
 - o MAT 100, MAT 112, MAT 122, MAT 150
- To stay on track to a timely graduation, students should meet the T1QR math requirement (MAT 150) before starting their second year. If needed, students should be encouraged to take summer math courses so they complete MAT 150 by the end of the summer of their 1st year.

Students who are advanced in Math:

If students took MAT 150 in their first semester, they should take MAT 151 and MAT 372 in their second semester.

DSC 100, DSC 101 is now a required sequence for the BS Math all concentrations. Students no longer need to take CSC 152.