BS: MATHEMATICS 7-12 TEACHER CERTIFICATION FIRST YEAR COURSE SELECTION

Course Selection - 2nd Semester 1st Year:

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

- LEP Foundations: ENG 112-Writing Arguments (or ENG 120 if they are currently in ENG 119)
- Math in sequence toward LEP Foundations: Quantitative Reasoning MAT 122 (see below)
 - Students who took MAT 150 in their 1st semester should take MAT 151 <u>and</u> MAT 372 in their 2nd semester.
- MAT 115
- LEP Explorations: Option 2 SHE 203
- DSC 100 Data Science 1

Important Advising Information:

LEP T1/T2 Restricted Courses/Recommended Courses: These will share with major or cognate.

- LEP Foundations: Quantitative Reasoning MAT 122 Note: Students are required to pass MAT 150 (and MAT 151, which is a major requirement) with C+ or better in order to be admitted into the College of Education.
- T2AE: HIS 110 or 111 US History I or II
- T2MB: SHE 203 School Health
- T2SC: EDU 200 Teachers, Schools and Society

Students must complete DSC 100 and DSC 101 (in place of CSC 152, which is no longer a program requirement).

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 (C+ requirement for MAT 150 and MAT 151 for COE)

- To stay on track to a timely graduation, students should complete 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.
- If students took MAT 150 in their first semester, they should take MAT 151- Calculus II and MAT 372-Linear Algebra in their second semester.

Certification Program:

• Students should plan on taking EDU 200 in the first semester of their sophomore year. They will then formally apply to the College 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 Math Certification Program Coordinator in their second semester of their first year.