

PRINCIPLE 2

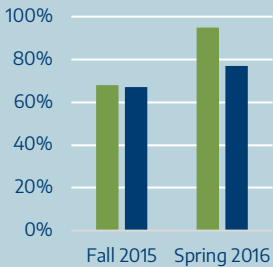
Students complete their first college-level mathematics requirement in their first year of college.

Grayson College

Denison, TX
www.grayson.edu

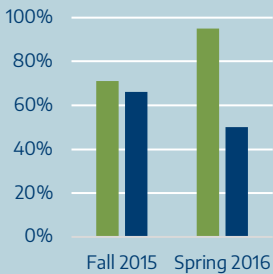
Accelerated Course Completion Rates

Developmental Courses



■ MATH 0420 ■ MATH 0340

College-Level Courses



■ MATH 1314 + Lab
■ MATH 1342 + Lab



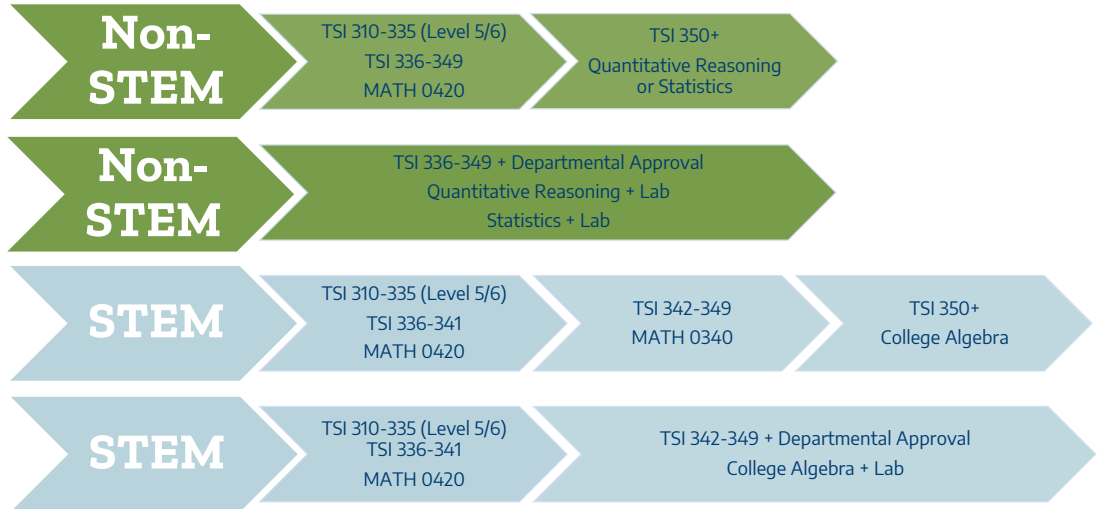
Texas Success Center

Student Enrollment in Mathematics Pathways

- The math department collaborated with the Quality Enhancement Plan team to revise the traditional three-course developmental algebra sequence into a two-course developmental sequence with curriculum aligned to gateway course material.
- Advisors and students choose the appropriate pathway based on the student's program of study and transfer plans. If the student is undecided, the student's meta-major determines the appropriate pathway.

Pathways at Grayson College

- All students are enrolled in accelerated pathways. Non-STEM and STEM students may complete a college-level math course in one year.
- The only prerequisite for non-STEM students is MATH 0420 Math Literacy. Learning outcomes for MATH 0420 mirror topics and learning outcomes recommended by the Charles A. Dana Center.



Measuring Impact

- Data are collected and analyzed for all students testing at Level 5 or higher on the Texas Success Initiative Assessment and for college-ready students, with special focus on first-time-in-college students.
- In Fall 2015, Grayson College (GC) offered 17 sections of MATH 0420, 4 sections of MATH 0340, 2 sections of MATH 1314 with lab, and 2 sections of MATH 1342 with lab.
- In Spring 2016, GC offered 12 sections of MATH 0420, 5 sections of MATH 0340, 2 sections of MATH 1314 with lab, and 1 section of MATH 1342 with lab.

