MATH PATHWAYS

REMOVING BARRIERS TO STUDENT SUCCESS

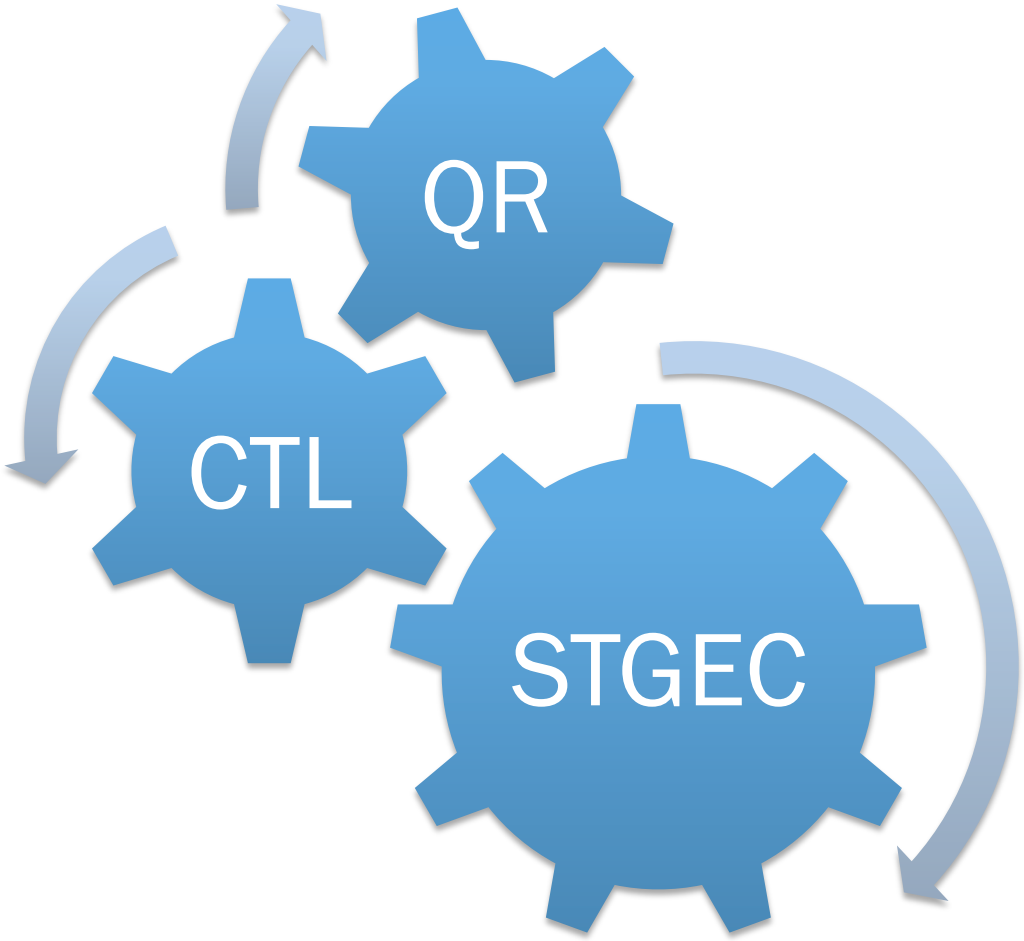
BACKGROUND

Work of the Math Innovation Council and the Indiana Commission of Higher Education

- Increase success rates in gateway courses without compromising integrity
- Align math requirements to give students competency in expected mathematical tasks for career success
- How might program requirements be enhanced to help accomplish goals

Role of College Algebra

- College algebra has lowest success rate of any other college-level math
- Primary purpose of college algebra is progression into calculus; calculus for progression into upper-level math heavy courses
- College algebra does not provide quantitative literacy per se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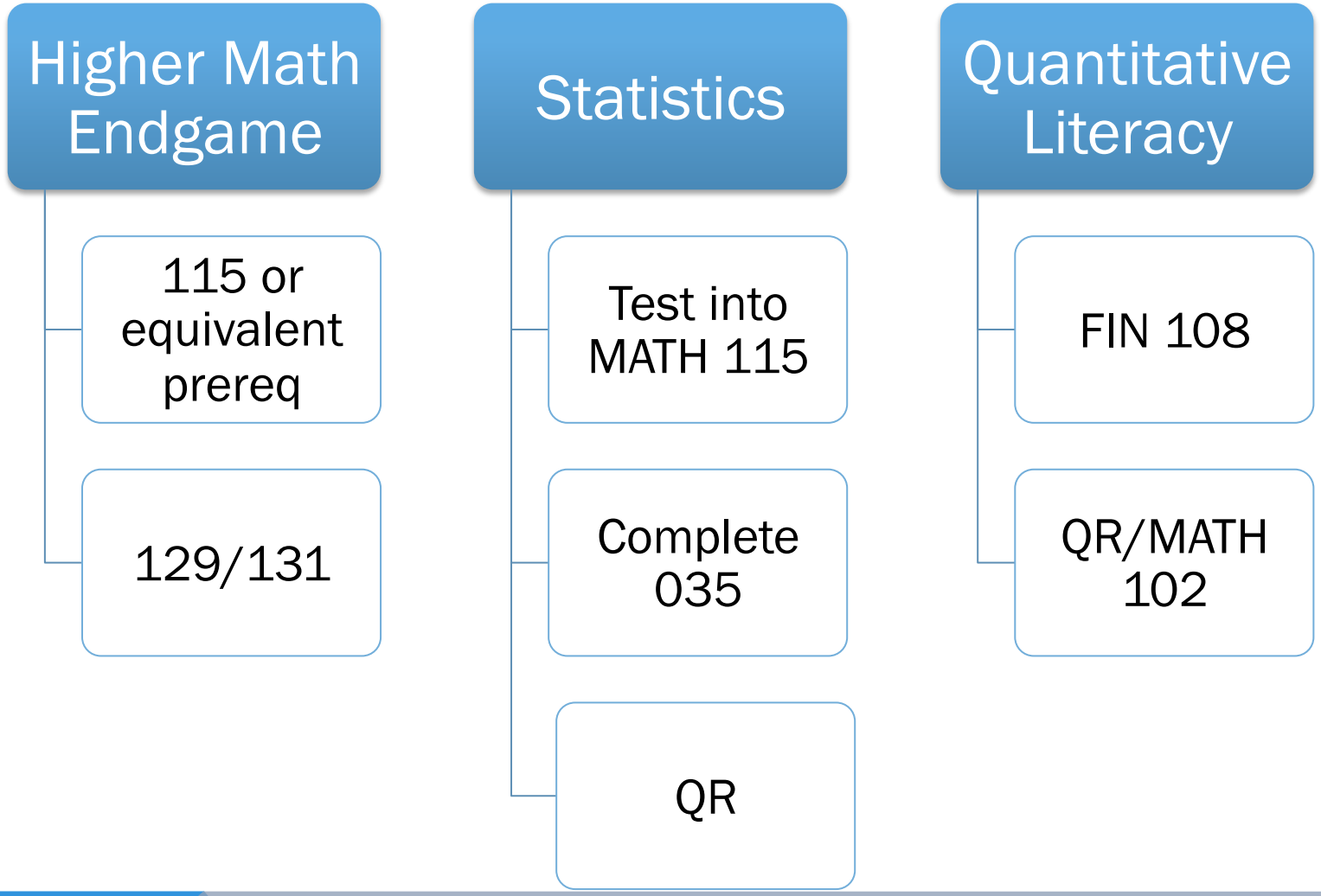
Higher Math Endgame
115 or equivalent prereq
129/131
Statistics
Test into MATH 115
Complete 035
QR
Quantitative Literacy
FIN 108
QR/MATH 102

STRATEGIES FOR TODAY

Determine appropriate path given programmatic outcomes

Determine if curriculum changes are needed

Determine what support is necessary

Identify possibilities for other courses to fulfill Quantitative Literacy at ISU

Discuss advising for meta-majors/undeclared majors