

Assessing Calculus-Readiness for YSU-BaccMed

Mathematical preparedness is essential for success in STEM baccalaureate programs, and this is no less true for success in STEM pathways for YSU-BaccMed, especially the assessing of Calculus-readiness.

The following metrics will be collectively used for assessing Calculus-readiness for YSU-BaccMed: if any one of them is satisfied by an incoming high school student, then that student will be deemed Calculus ready for the purposes of YSU-BaccMed. More metrics may be added to the following list as information becomes available.

An incoming high school student is deemed Calculus ready if at least one of the following is satisfied:

ACTM(aths) ≥ 27 or SAT equivalent after conversion

OR

COMPASS College Algebra ≥ 65 AND COMPASS Trigonometry ≥ 36

OR

Grade at least B in CCP YSU MATH 1513 (Precalculus)

OR

Grade at least B in CCP Precalculus from accredited college or university

OR

Grade at least B in CCP YSU sequence MATH 1510–1511 (College Algebra + College Trigonometry)

OR

Grade at least B in CCP College Algebra + College Trigonometry from accredited college or university

OR

Grade at least B in high school Precalculus AND ACTM ≥ 22 or SAT equivalent after conversion

OR

Grade at least B in high school Calculus or AP Calculus