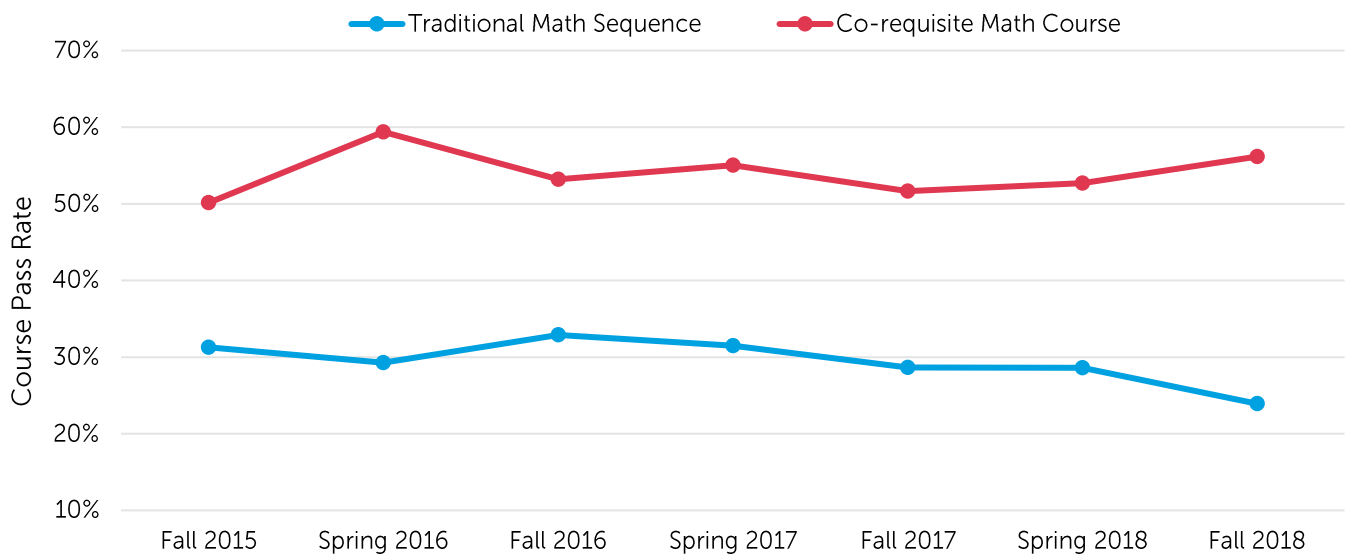


Co-requisites Improve Course Pass Rates

Students who take co-requisite college-level math courses pass at a higher rate than students who take the traditional developmental math sequence.



Source: Idrissi, A., Cuellar, M., & Funk, J. (2018). [Co-requisite mathematics models and gateway completion. A systematic approach to leading change at scale](#) (Steps to Success series). Denver, CO: Strong Start to Finish, Education Commission of the States. Notes: The data used to create this chart came from the authors' analysis of course data as submitted to CUNYFirst and reported by LaGuardia's IR Office and is represented in Figure 3 of the report.

In 2013, LaGuardia Community College (LCC) of the City University of New York began experimenting with co-requisite mathematics. With a high percentage of its students placed into developmental math and low levels of completion, the math faculty, with support from high-level academic officers, proactively worked to change the outcomes for its students. LCC's co-requisite model is a single course structure with extended instructional time for the students who need additional support for basic skills material. The courses have the same rigorous learning objectives as the stand-alone counterparts and allow a student to access college-level coursework immediately. LCC offers two co-requisite courses, Elementary Statistics and College Algebra, and is finalizing the details for a co-requisite Quantitative Reasoning course.

When comparing the pass rates for the traditional developmental math sequence and the co-requisite math courses, the difference is significant. On average, there is a 24% increase in the pass rate for co-requisite math courses with a 32% increase for Fall 2018. This Points of Interest shows that students who take co-requisite college-level math courses pass at a higher rate than students who take the traditional developmental math sequence.

For more information, contact the authors of the study or Vilan Odekar at vodekar@strongstart.org.

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