

1154-VI-1588 **Rebecca Metcalf*** (rmetcalf@bridgew.edu), Mathematics Department, 355 DMF Science Building, Bridgewater, MA 02325. *Massachusetts Department of Higher Education Mathematics Pathways Project & Bridgewater State University*. Preliminary report.

Students' lack of mathematical preparedness can be a major obstacle for timely completion of an academic degree. Both national and Massachusetts data support the contention that students who enroll in developmental coursework are less likely to graduate. Since March 2012, the Massachusetts Department of Higher Education (MA DHE) has been transforming developmental mathematics education to systematically improve the percentage of students' who succeed in gateway mathematics courses. Their recommendations include using high school GPA for mathematics placement, forward placing students into gateway mathematics courses with co-requisite remediation and establishing pathways to these gateway courses. This session will provide more background on the MA DHE recommendations and describe how the Mathematics Department at Bridgewater State University has responded to them. (Received September 16, 2019)