

## Math Pathways/Co-Requisite Remediation (Phase I)

<b>High Impact Strategy</b>	Develop math pathways that align the skills and knowledge necessary for success in a students' chosen programs of study and ensure that students complete a college level math course in the first year, increasing the likelihood of graduating from college.	
<b>Rationale</b>	Between Fall 2011-2015, 82.3 % of the students who completed Math 102/Math 111 within the first year were retained to the second year compared to 53.5 %.	
<b>Desired Result</b>	Increase the percentage of students who successfully complete a college level math course within their first year.	
<b>Work Team</b>	Ranis Ibragimov – co-lead      Ryan Karr – co lead Richard Karwatka                      Andy Von Diessen              DeAnn Possehl	
<b>Potential Costs</b>	Lead compensation (2 @ \$3500.00)	\$ 7,000.00
	Course release (4 @ 3672.00)	\$14,688.00
	Course creation course release - (2 @ 2754.00)	\$ 5,508.00
	Travel – UW System meetings	\$ 300.00
	Expert Visit –	\$ 500.00
	Other potential additional support – IR/Programming	-
	<b>TOTAL</b>	<b>\$27,996.00 *</b>
<b>Deliverables &amp; Timeline</b>	Introduce topic at Provost department chair meeting	September 2017
	Meet with each department, share proposed math pathways and computational skills course learning outcomes with academic departments to validate affirm proposed pathway document	October 2017
	Share conversation results with Student Success Steering Committee and Meta Major work team	November 2017
	Work with Dean and Executive Director, Persistence and Completion to host a “co-requisite mediation “ information session for math department	November 2017
	Meet with Registrar to determine any special peoplesoft programming requirements in preparation for offering co-requisite remediation	December 2017
	Meet with academic advisors to share math pathways and course learning outcomes	December 2017
	Identify instructors for co-requisite remediation course development and any additional support needed	December 2017
	Determine budget implications –co-requisite remediation	January 2018
	Work with Meta Major work team to analyze Fall 2017 course section needs based on math pathway and new meta majors and make appropriate schedule adjustments	February 2018
	Modify Math 102 and Math 103 as necessary based on academic department conversations	March 2018
	Determine appropriate placement mechanism for Math 102 and 103	March 2018
	Develop co-requisite remediation for Math 102 and 103 and obtain necessary approvals through course and curriculum	April 2018
	Evaluate potential use of multi-measures for placement particularly in 102 and 103 and develop a recommendation for potential use in 2019	June 2018
	Offer Math 102 and 103 – co-requisite format	Sept 2018
<b>Measures of Success</b>	<ol style="list-style-type: none"> <li>1. Utilize math pathways/ meta majors for 2018 orientation advising session</li> <li>2. Increased % of students completing a college level math course by the end of 30 credits</li> </ol>	
* NOTE: This is an annual request for the next three years		