

# Math Course Changes AY 20–21

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# More Changes for Math at UWM?



# College-level courses

- ▶ We will continue to offer Math 103 and Math 105 as we do now for students who place into these courses.
- ▶ We will offer Math 102 and Math 108 as we do now.

# New Math 075 course

- ▶ A one-credit (financial aid only) review for students who want to try to improve placement level
  - Targeting Placement Level 10 (e.g. Math 098) and trying to get up to Placement Level 20 (e.g. into Math 105)
  - Work on ALEKS PPL
  - Meet in-person to discuss study skills, complete worksheets, get help on ALEKS topics, etc.

# Already Ahead in System

- ▶ Pathways approach:
  - Math Literacy Pathway (092/102)
  - Algebra Pathway (098/108)
- ▶ Co-requisite option:
  - Students needing developmental mathematics can concurrently enroll in 10x course and the 09x course
- ▶ Finding success so it's working!

# Eliminating all standalone developmental math courses ???

- ▶ Current trend nationwide
- ▶ No Math 092 nor Math 098 courses – all students needing these would take coreq

# Math 098/108 imbalance

- ▶ Need to balance enrollments and staffing for Math 098/108 Corequisite between fall and spring semesters
- ▶ All Math 098/108 can't fit in fall

# Math 098/108 imbalance

- ▶ Offering lots of sections of Math 075 for students to work on improving placement level out of dev math (so could take Math 105 or even Math 103)
  - Anyone with placement level 10 that can't get into Math 098/108 in fall
  - Anyone who is “nearly” undecided, or not 231 intended

# What does this mean for students?

If no Math 092 nor Math 098 courses ...

- ▶ What if a student doesn't pass the coreq (Math 09x) part of the course?
  - Retake entire coreq
- ▶ What if a student passes the coreq (Math 09x) part of the course but not the college level-part (Math 10x)?
  - Standalone college-level (Math 10x) courses will remain

# What about Math 094?

- ▶ Currently lowest math level students take ...
  - Math 094 if they know they need more math or science work
  - Math 092 if they do NOT (this includes undecided students!)

# If we eliminate Math 094 ...

... then ALL lowest level math students would take Math 092+102 Corequisite

- ▶ Planning to take more math or science work?  
Then take Math 092+102 Corequisite in the fall semester PLUS Math 075 to review any topics needed to go into Math 105
- ▶ Student who are NOT?  
Then take Math 092+102 in the spring (like now)

# Pros and Cons

- ▶ Pro for students: Instead of taking Math 094, these students would get three credits towards graduation and QLA in first semester and still take Math 105 in spring (as they do now)
- ▶ Con for students: Instead of taking Math 094 (equivalent of six credits), they would take Math 092+102 Corequisite PLUS Math 075 for equivalent of seven credits (three towards graduation and four for financial aide)

# Who takes Math 092+102 & when?

Fall Semester	Spring Semester
Math 092+102 Corequisite PLUS Math 075 (for students needing Math 105)	Math 105
(no math)	Math 092+102 Corequisite (for students only needing QLA)

# Course Summary (AY 20–21)

Piloting Math 092+102 versus Math 094  
(seeking IRB approval for research study)

## ► Fall 2020

- 3 sections of Math 094 – running as they do now
- 4 sections of Math 092+102
  - Students will also be required to take Math 075
  - By consent only – need to limit to students needing Math 105 in the spring (STEM, Nursing, Business, etc.)

## ► Spring 2021

- We will see how these students all do in Math 105!

# Online Dev Math (AY 20–21)

No online offering for Math 094, but...

- ▶ Summer 2020

- Piloting completely online version of Math 092+102 Corequisite (materials will be free since pilot)

- ▶ Fall 2020

- Offering completely online version of Math 092+102 Corequisite WITH a paired online version of Math 075 for these students

NOTE: Math 098+108 Corequisite still pretty new so online option not available until Fall 2021 (earliest)

# Math 103 for AY 20–21

- ▶ We will offer one large lecture of Math 103 for fall (previously fall was only offered online).

# Math 116/117 for AY 20–21

- ▶ We will no longer offer Math 116/117, beginning Fall 2020.
- ▶ Instead, students will take Math 115 (all placement level 3x).

# We will be back in March!

At the March ACN meeting, we will discuss more about students who don't pass.

For instance:

- ▶ What does a D in Math 094 mean?
- ▶ What if a student needs permission to repeat a second time (third attempt)?
- ▶ Revisit coreq passing: such as what if a student passes Math 098, but not Math 108 in the Math 098+108 coreq?

# Questions?

Please feel free to contact either of us with questions, comments or suggestions:

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