

# Math Course/Placement Changes AY 17–18 (& beyond)

**What courses/placement levels/offerings are changing?**

Next year (Fall 2017): Math 92/102 and 103

Coming Fall 2018: Math 98/108 and 105 (maybe 115)

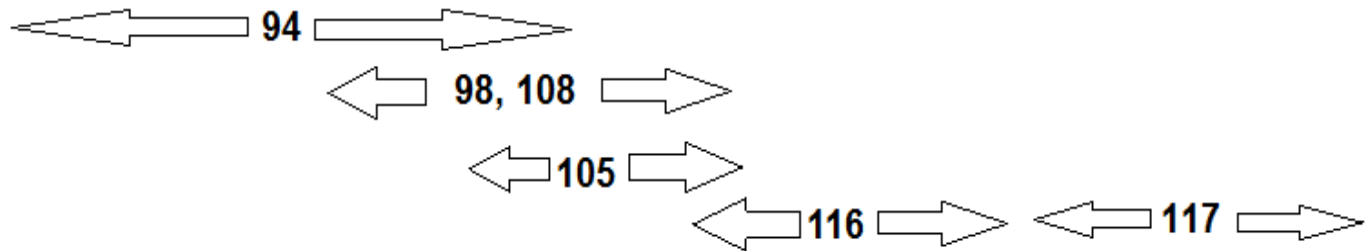
# UW System directives:

- ▶ New math placement exam (2017)
- ▶ New common cutscore for lowest credit bearing algebra course (Fall 2018)
- ▶ Encouraging
  - Metamajors (we're working on),
  - Math Pathways (we have this),
  - multiple measures for placement (partial progress),
  - co-requisite remediation (start next year)
  - lower prereq for lowest credit-bearing courses in "Math Lit/Quant Lit" pathways (start next year)

# Revised Math Placement Test

old test:	Math Basic (MBSC)	Algebra (ALG)	Trig & Geom (TRG)
-----------	-------------------	---------------	-------------------

new test:	Math Fundamentals (MFUND)	Advanced Alg (AALG)	Trig & Geom (TAG)
-----------	---------------------------	---------------------	-------------------



Score is still three numbers, will be converted to a "Math Placement Test Code" of 0, 10, 20, 30, etc.

# Co-requisite Remediation?

- ▶ What: Student would take Math 9x and 10x in the same semester, in linked sections with same instructor
  - e.g., Math 92 and 102 (2017), Math 98 and 108 (2018).
- ▶ Why? It works! In Tennessee state system:
  - % of students with Math ACT 18 or lower who passed a credit bearing math course their first year:
    - 58.9% Pre-req model.....75% in “co-req” model.
  - % of students who passed a math course their first year, fall to fall retention rate:
    - 74% Pre-req model.....79% co-req model!

# Implementation for Fall 2017: Math 092/102 and Math 103

- ▶ Lower the prereq of Math 103: new milestone ACT-math of 18 (now is math-ACT of 24 for Math 103)
- ▶ Offer 92+102 in co-req sections
- ▶ Due to fall-spring imbalance, 103 and 92+102 will shift to Spring.
- ▶ Students still take QLA in year one, but unless they place into Math 94, the 92/102/103 students get a “bye” on math until spring
- ▶ Math placement levels and updated information will be posted at our new site:  
<http://uwm.edu/math/undergraduate/resources/math-placement>

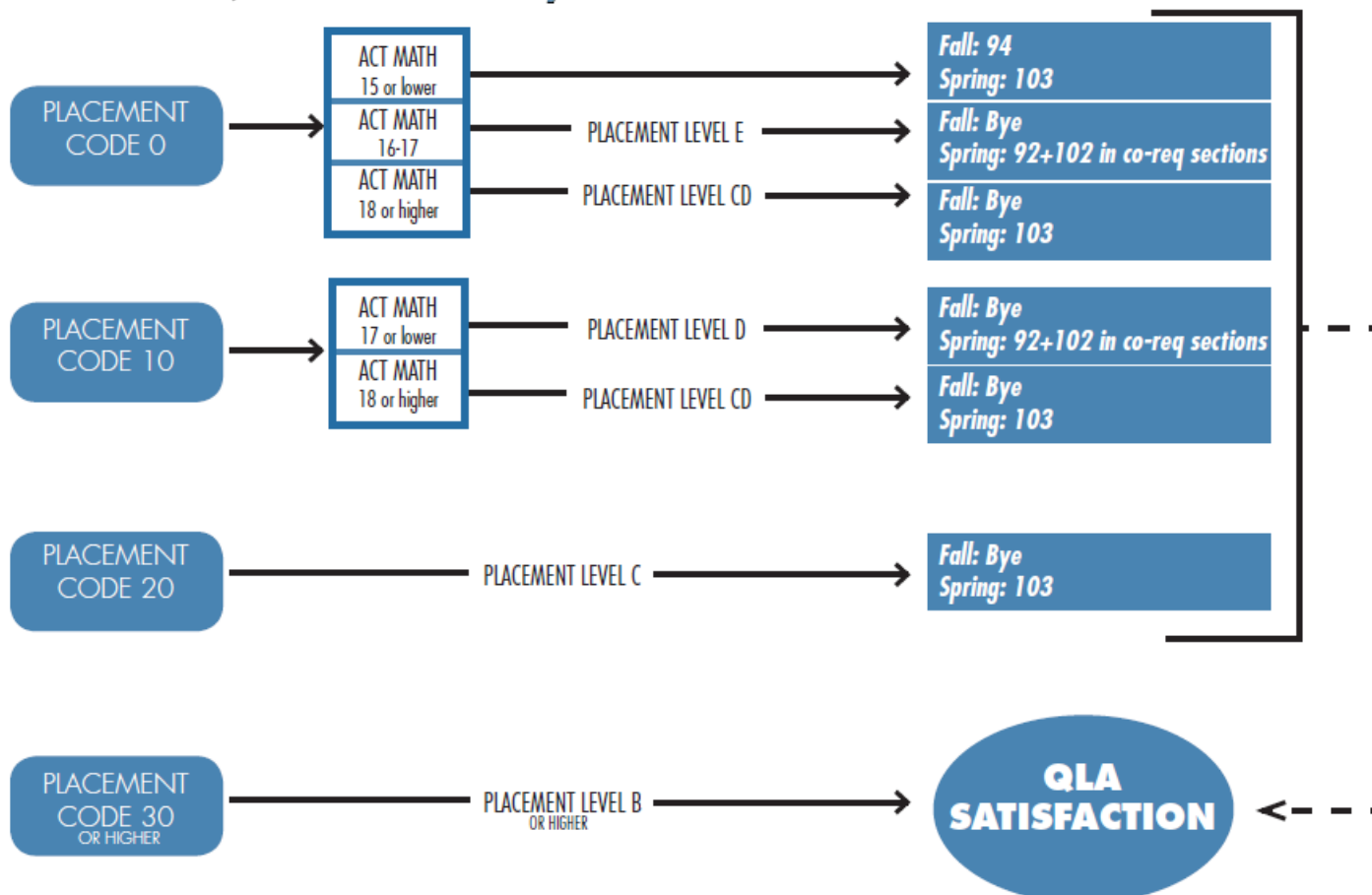
# QLB goal determines course sequence (which QLA course)

- ▶ QLB goal: Math 231 [Engr, Phys Sci] or 213 [new! Bio/biochem]  
=> QLA goal is still Math 105 first (may change in Fall 2018 to Math 115)
- ▶ QLB goal: Math 211 [business, some health sci, some BS L&S, etc.]  
=> QLA goal is still Math 105 or 108 first (may change in Fall 2018)
- ▶ QLB goal: Elem Ed Math 176 [Elem Ed]  
=> QLA goal is still Math 175 first (may change)

# QLB goal determines course sequence (which QLA course)

- ▶ QLB goal: Stats/Research methods [Humanities, Arts, some Soc Sci/Ed]  
=> QLA goal is “satisfaction”
  - Take Math 103 (or Math 102)
  - New routes Fall 2017
  - How to get there?
  - Next slide!

# QLB GOAL: STATS/RESEARCH METHODS



## Repeaters/Exceptions

More details coming soon... Such as:

**Math 103:** Juniors and seniors will be able to take Math 103 in the fall – but only offered online



# Questions?

Please feel free to contact me with questions, comments or suggestions.

Suzanne Boyd

Associate Chair for Undergraduate Studies

Phone: (414) 708-6472 (cell)

Email: [math-ugrad-assoc-chair@uwm.edu](mailto:math-ugrad-assoc-chair@uwm.edu)

Or the Math 092/102 Coordinator:

Kelly Kohlmetz

Math Literacy Pathway Coordinator

Phone: (414) 229-2685

Email (preferred): [kellyk2@uwm.edu](mailto:kellyk2@uwm.edu)