What is a Curriculum Map?



UMC Core Competencies



Communication:

Reading, Writing, Speaking, Listening, Using Technology



Critical Thinking:

Problem Solving, Applied Learning



Working with Others:

Teamwork, Diversity

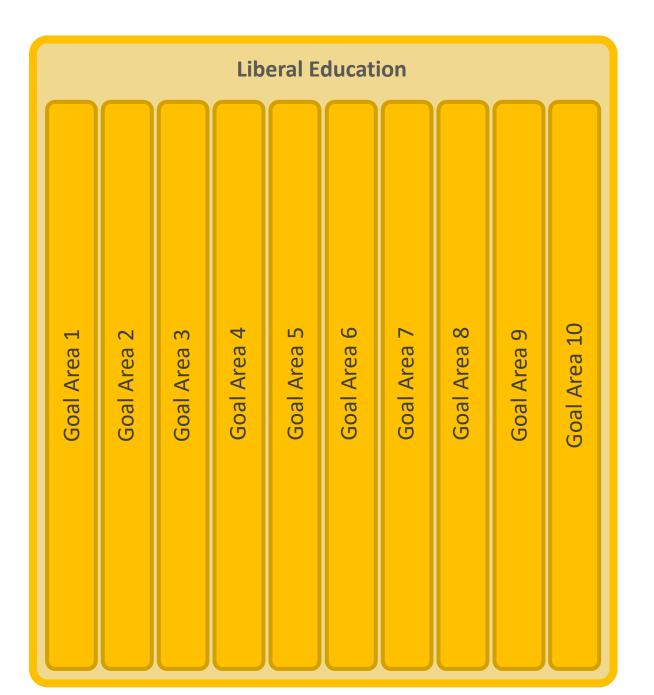
CC = UMC Institutional Level Learning Outcomes

CC = Things every UMC graduate should be able to demonstrate

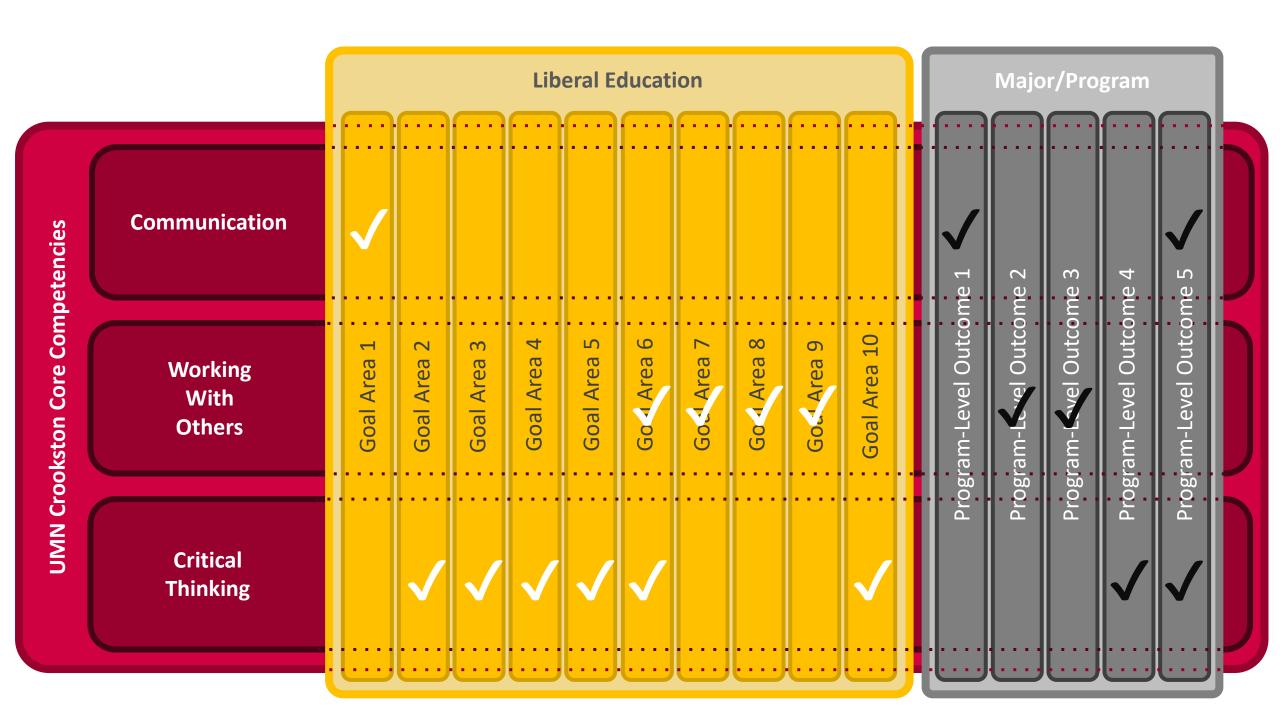


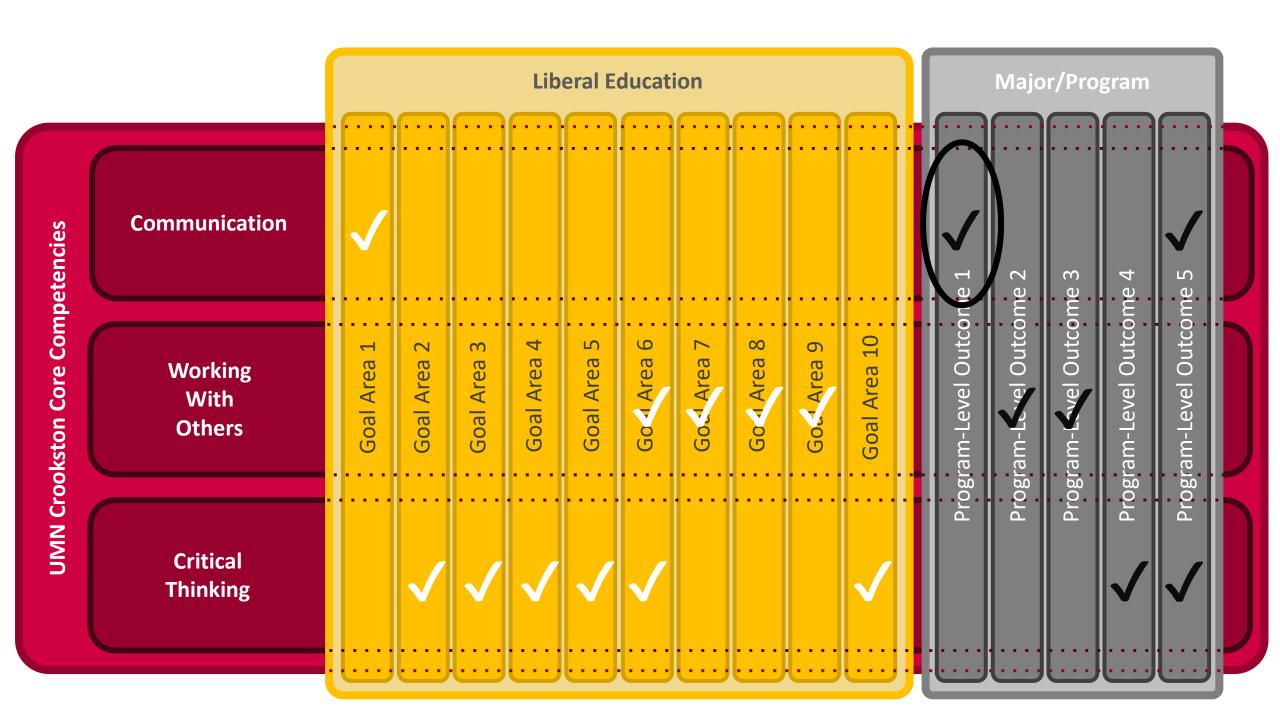


Individual Programs have determined the Things <u>every program</u> graduate should be able to demonstrate.



UMC has adopted the MN Transfer Curriculum to serve as the Liberal Education Program Learning Outcomes





Course Assessment Lies at the Intersection

- Once the Curriculum Map is established, the assessment work happening already at the course level (grades or outcomes assessment) can be used to assess Program Learning Outcomes and Core Competencies.
- Let's Zoom In!

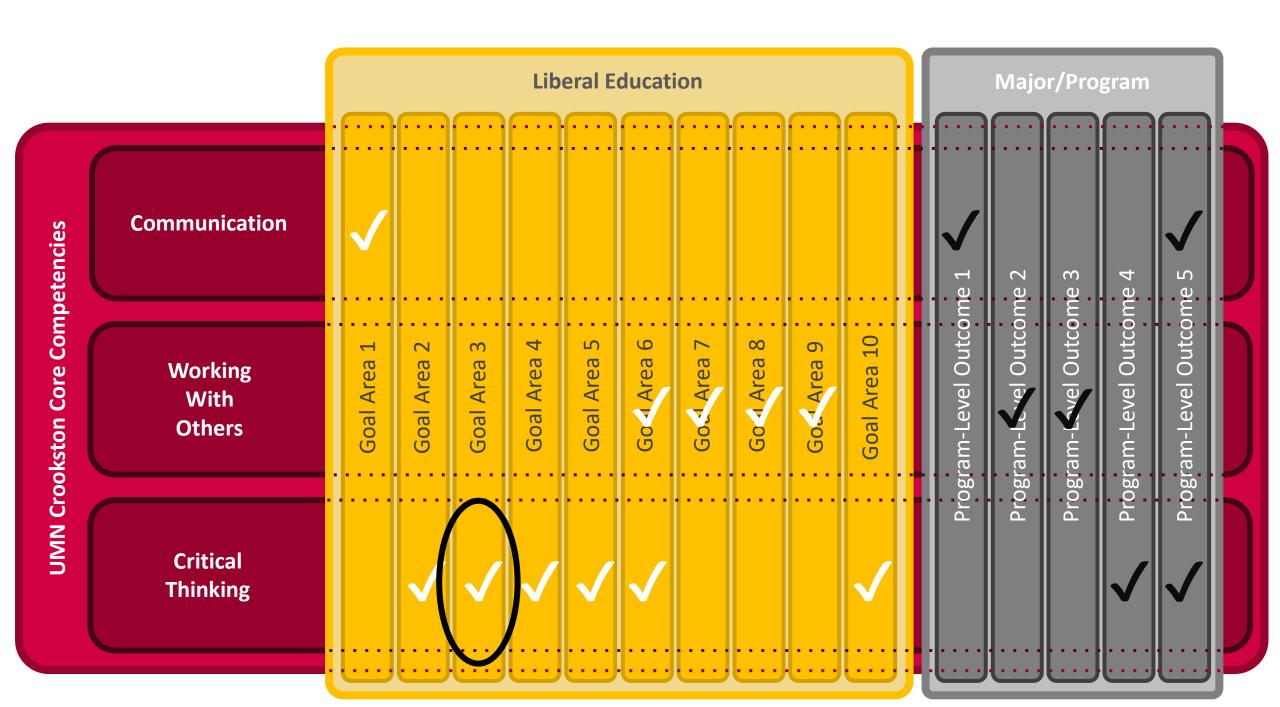
Alignment of Competencies, Program-Level Outcomes, and Course-Level Outcomes (Basic)

	Program-Leve I Outcome 1	Program-Leve I Outcome 2	Program-Leve I Outcome 3	Program - Leve I Out com e 4	Program - Leve I Out com e 5
Communication	√				✓
Working with Others		√	√		
Critical Thinking				√	✓

	Prog	Prog	Prog	Prog	Prog
	ram-	ram-	ram-	ram	ram
	Leve	Leve	Leve	-	-
	1	1	1	Leve	Leve
	Outc	Outc	Outc	1	1
	ome	ome	ome	Out	Out
	1	2	3	com	com
				e 4	e 5
XXXX 3000	✓				
XXXX 3010		√	√		
XXXX 3018	√				√
XXXX 3033			√		
XXXX 4021				✓	✓

Alignment of Competencies, Program-Level Outcomes, and Course-Level Outcomes (Basic)

	Prog	Prog	Prog	Prog	Prog		Prog	Prog	Prog	Prog	Prog
	ram-	ram-	ram-	ram	ram		ram-	ram-	ram-	ram	ram
	Leve	Leve	Leve	-	-		Leve	Leve	Leve	-	-
	1	1	1	Leve	Leve		1	1	1	Leve	Leve
	Outc	Outc	Outc	1	1		Outc	Outc	Outc	1	1
	ome	ome	ome	Out	Out		ome	ome	ome	Out	Out
	1	2	3	com	com		1	2	3	com	com
				e 4	e 5					e 4	e 5
Communication	1				V	XXXX 3000	>(
						XXXX 3010		√	√		
Working with Others		✓	✓			XXXX 3018	√				√
				_	_	XXXX 3033			✓		
Critical Thinking				✓		XXXX 4021				√	√



Critical Thinking Alignment to Goal Area 3

Students will be able to:	Problem-Solving. Students design, evaluate, and implement a strategy to answer a question, resolve an issue, or solve a problem.	Applied Learning. Students use elements of reasoning to gather and organize information, analyze information, and apply subject matter knowledge for their discipline or field of study.
1. Demonstrate understanding of scientific theories.		✓
2. Formulate and test hypotheses by performing laboratory, simulation, or field experiments in at least two of the natural science disciplines. One of these experimental components should develop, in greater depth, students' laboratory experience in the collection of data, its statistical and graphical analysis, and an appreciation of its sources of error and uncertainty.	✓	
3. Communicate their experimental findings, analyses, and interpretations both orally and in writing.		
4. Evaluate societal issues from a natural science perspective, ask questions about the evidence		