

### Mathematics MS Curriculum Maps

Approved at 1/8/18 meeting of math faculty

Unanimously approved!!!

1. Evaluate and create proofs in graduate level mathematics using the fundamental definitions.
2. Create solutions to problems using techniques in graduate level mathematics.
3. Communicate Graduate Level Mathematics Effectively.

#### Curriculum Map #1 PLOs Aligned to Required and Elective Courses

	PLO 1	PLO 2
Real Analysis	I, D	I, D
Advanced Algebra	I, D	I, D
Numerical Analysis	I, D	I, D
Capstone	M (A + ILO 1)	M (A + ILO 1)
Choose 2	M	M
Choose 2 electives	M	M

#### Curriculum Map #2 PLOs Aligned to ILOs

	PLO 1	PLO 2
ILO 1 (Thinking and Reasoning)	X	
ILO 2 (Communication)		
ILO 3 (Diversity)		
ILO 4 (Collaboration)		
ILO 5 (Sustainability)		

ILO 1: Thinking and Reasoning

ILO 2: Communication

itions and theorems.

<b>PLO 3</b>
I, D
I, D
I, D
M (A + ILO 2)
M
M

<b>PLO 3</b>
X (written)