

Department of Mathematics & Statistics

17013G Math Specialization – Core Courses Domains/SLOs:	MAS145 Matrix Theory	STA5326 Math-Stat 2	Proseminar	Research Course
Content				
1. Describe and apply principles of abstract mathematics, applied mathematics, or statistics by deriving and proving theorems, or modeling real life situations.	X	X		
2. Solve conceptual problems that require writing and evaluating proofs in mathematics and statistics	X	X		
Critical Thinking				
1. Analyze the essentials of a problem logically and independently.			X	X
2. Use mathematical or statistical software, and other information technology, appropriately to conduct research.			X	X
Communication				
1. Write coherent and accurate reports of mathematical processes and problems			X	X
2. Deliver oral presentations that explain mathematical concepts accurately and effectively			X	X
Integrity/Values				
1. Demonstrate honesty and integrity in project work and research.			X	X
Project Management				
1. Manage time and resources effectively.			X	X
2. Use technology appropriately to conduct project work and research.			X	X
3. Work with persistence and relatively little guidance.			X	X