

## **Software Engineering MS Goals**

1. Students will be able to use mathematical and scientific techniques to solve software engineering problems
2. Students will be able to formulate problems, design experiments, collect, verify, validate, analyze, and interpret data and use this knowledge to design a reliable system, component, or process to meet requirements
3. Students will be able to use the techniques, skills, and modern software tools necessary for reliable and robust software engineering practice
4. Students will be able to recognize a problem, evaluate different methods and use software engineering principles to derive a feasible solution