Student Learning Outcomes for the Master of Science in Computer Science

These outcomes describe what students are expected to know and be able to do by the time of graduation. They relate to the skills, knowledge, and behaviors that students acquire in their matriculation through the program.

1. Students will have the ability to use current techniques, skills, and tools necessary for computing practice.
2. Students will recognize the need for, and will have the ability to engage in, continuing professional development.
3. Students will have the ability to communicate effectively with a range of audiences.
4. Students will have the ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
5. Students will have the ability to analyze a problem and identify and define the computing requirements appropriate to its solution.
6. Students will have the ability to apply knowledge of computing and mathematics appropriate to the discipline.

(approved May 11, 2007)