Students graduating with a B.S. in Computer Science should be able to:

• Analyze a problem, and identify and define the computing requirements appropriate to its solution.

• Design, implement, and evaluate a computer-based system, process, component, or program to meet specified requirements.

• Communicate effectively orally and in writing to an audience of technical peers.

• Use current techniques, skills, and tools necessary for computing practice.

• Apply mathematical foundations, algorithmic principles, and computer science theory in the design and analysis of computer-based systems.

• Apply design and development principles in the construction of software systems.