COMPUTER SCIENCE, B.S. (ABINGTON)

Begin Campus: Any Penn State Campus
End Campus: Abington

Program Learning Objectives

• Computational Problems and Critical Thinking: Analyze a complex problem and understand the processes of solving computational problems through a systematic approach.
• Fundamentals of Computer Science: Develop a strong foundation in the fundamental areas of Computer Science, including programming, data structures, algorithms, computer architecture and operating systems.
• Math Foundation: Develop a solid foundation in mathematical studies relevant to computer science.
• Professional Communication and Team Work: Develop strong communication skills and work ethics, and perform effectively in teams activities.
• Software Engineering Principles: Ability to apply software engineering principles to the design and implementation of software systems.