

COMPUTER SCIENCE (B.S.)

The Bachelor of Science in Computer Science provides students a rigorous curriculum beginning with a thorough grounding in a set of core subjects that are intended to develop problem solving ability and provide a basic understanding of fundamentals of computing and information processing, including operating systems design and administration, computer networking and database systems. Students, through a choice of electives, may deepen their knowledge and understanding in some rapidly evolving disciplines, including how to design and build software in software engineering, how to develop effective ways to solve global challenges using artificial intelligence, machine learning, and robotics programming, and how to create better ways of using computer with an understanding of cybersecurity and data analysis. The anticipated end result is a set of graduates who are prepared for their chosen scientific career in the field of computing, be it graduate school or employment.