COMPUTER SCIENCE, B.S. (BEHREND)

Begin Campus: Any Penn State Campus

End Campus: Erie

Career Paths

Typical beginning careers for B.S. in Computer Science graduates include applications programmer, systems programmer, systems analyst, systems administrator, and network administrator. You also can prepare for emerging careers in data science, cognitive computing, and artificial intelligence. Penn State Behrend has a comprehensive support system to help you identify and achieve your goals for college and beyond. Meet with your academic adviser often and take advantage of the services offered by the Academic and Career Planning Center beginning in your first semester.

Careers

Students entering the workforce with a degree in computer science will find many opportunities in business, industry, government, and academia, and particularly in organizations with a science emphasis. These include traditional and emerging careers such as application programming, systems programming, systems analysis, systems administration, bioinformatics, network administration, and computer modeling. Employers of recent Behrend B.S. in Computer Science graduates include Amazon, Erie Insurance, Genesys, IBM, Larson Texts, Lockheed Martin, and Northrop Grumman.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE COMPUTER SCIENCE PROGRAM (https://behrend.psu.edu/school-of-engineering/academic-programs/computer-science/)

Opportunities for Graduate Studies

Graduate programs in computer science often delve more deeply into the intersections of computer science and the natural sciences, leading to careers in bioinformatics, computational chemistry or physics, or scientific visualization. Or, you can use a master's degree to learn management skills; Penn State Behrend offers a Master of Manufacturing Management (M.M.M) degree program for aspiring organizational leaders.

MORE INFORMATION ABOUT OPPORTUNITIES FOR GRADUATE STUDIES (https://behrend.psu.edu/school-of-engineering/academic-programs/master-of-manufacturing-management/)

Professional Resources

- ABET (https://www.abet.org/)
- Institution of Electrical and Electronics Engineers (IEEE) Computer Society (https://www.computer.org/)
- Association for Computing Machinery (https://www.acm.org/)
- Society of Women Engineers (https://swe.org)
- National Society of Black Engineers (https://www.nsbe.org)