

DATA SCIENCES, B.S. (ENGINEERING)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

Begin Campus: Any Penn State Campus

End Campus: University Park

Career Paths

Data Sciences blends the technical expertise needed to analyze, interpret, and manage big data with the interpersonal skills needed to communicate insights to a variety of audiences. The program prepares students to meet the growing need for professionals who have the analytical and problem-solving skills to address a wide range of societal and technical challenges. Many companies participate in career fairs in Engineering, IST and Science with an express interest in hiring data science interns or graduates. A growing number of M.S. and Ph.D. programs await those who wish to pursue more advanced studies.

Careers

Because our courses blend technical knowledge with skills in communication and business, a Data Sciences degree allows students to compete for leading-edge analytics positions across many different industry sectors. Possible careers include: Data Science and AI Engineers, Data Scientist, Data Analyst, Data Specialist, Data Visualization Specialist, IT Analyst, Machine Learning Engineer, Data Engineer, Business Systems Analyst/Consultant.

MORE INFORMATION FOR THE APPLIED DATA SCIENCES OPTION (<https://ist.psu.edu/current-students/career-solutions>)

MORE INFORMATION FOR THE COMPUTATIONAL DATA SCIENCES OPTION (<https://www.eecs.psu.edu/students/undergraduate/Data-Sciences.aspx>)

MORE INFORMATION FOR THE STATISTICAL MODELING DATA SCIENCES OPTION (<https://science.psu.edu/stat/undergraduate-programs>)

Professional Resources

- Association for Computing Machinery (<https://acm.psu.edu>)
- Association for Information Science and Technology (<https://www.asist.org>)