

# DATA SCIENCES, B.S. (ENGINEERING)

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**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 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 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://www.ist.psu.edu/current/careers/development/process/path/>)

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>)