Work with faculty to create a project scope tailored to your needs. Students are hand-selected to participate from a pool of applicants, ensuring matched interests and skills.

**UNDERGRADUATE STUDENTS**

- Fall, Spring, and Summer opportunities
- 8, 15, and 32-week courses
- Teams of 2-4 students
- Faculty supervision and Ph.D. Project Fellow oversight

[stat.cmu.edu/undergraduate](stat.cmu.edu/undergraduate)

**MASTER’S STUDENTS**

- Spring capstone project for the Master’s of Statistical Practice program
- 15-week project with regular check-ins
- Teams of 2-3 students
- Faculty supervision

[stat.cmu.edu/msp](stat.cmu.edu/msp)

Sponsorship opportunities exist for annual events that attract top-tier talent from across campus and the Pittsburgh region.

**Fall Semester**

CMU SPORTS ANALYTICS CONFERENCE

[stat.cmu.edu/cmsac](stat.cmu.edu/cmsac)

**Spring Semester**

WOMEN IN DATA SCIENCE CONFERENCE

[stat.cmu.edu/wids](stat.cmu.edu/wids)

**Spring/Fall Semester**

TARTAN DATA SCIENCE CUP

[stat.cmu.edu/tartandatasciencecup](stat.cmu.edu/tartandatasciencecup)

For more information, visit [www.stat.cmu.edu](http://www.stat.cmu.edu) or email Adam Causgrove at [causgrove@cmu.edu](mailto:causgrove@cmu.edu).
UNDERGRADUATE STATISTICS & DATA SCIENCE AT CMU

- No. 1 statistics program in the U.S., 3 years in a row (collegefactual.com)
- Developed the first Statistics and Machine Learning undergraduate degree in the country

Degree Specializations:

**STATISTICS AND MACHINE LEARNING**

*Focus on:* Statistical computation, data science or “Big Data” problems
*Additional skills:* C++, Python, algorithms, data structures, grad-level machine learning, deep reinforcement learning, large data sets, text analysis, natural language processing

**ECONOMICS AND STATISTICS**

*Focus on:* Preparation for an advanced degree in statistics, economics or management, or a career in government, industry, finance, education or public policy
*Additional skills:* Microeconomics, macroeconomics, econometrics, extensive writing

**STATISTICS: SELF-DEFINED CONCENTRATION**

*Focus on:* Statistical thinking and data science, preparation for careers that require analytics and quantitative data skills
*Common concentrations include:* Business, computer science, social and decision sciences

**STATISTICS: NEUROSCIENCE TRACK**

*Focus on:* Data science with an emphasis on brain and behavior, or in neuroscience with an emphasis on data analysis
*Additional skills:* Cognitive psychology, neural computation, grad-level machine learning

**STATISTICS: MATHEMATICS TRACK**

*Focus on:* Preparation for a Ph.D. in statistics or a related field, or a career in which a strong background in statistical theory is valuable
*Additional skills:* Real analysis, probability models, discrete math, grad-level theory

For more information, visit [www.stat.cmu.edu](http://www.stat.cmu.edu) or email Adam Causgrove at causgrove@cmu.edu.