



University of Pittsburgh

*Kenneth P. Dietrich School of Arts and Sciences
Graduate Studies Office*

Statistics Department Profile

Recruitment Contact: Henry W. Block Phone: (412) 624-8369 Email: hwb@pitt.edu

Diversity Liaison: Allan Sampson (412) 624-8372 asampson@stat.pitt.edu

Graduate Administrator: Mary Gerber (412) 624-1674 gerber@pitt.edu

Department Website: www.pitt.edu

Statistics is the art of making informed decisions in the face of uncertainty. Our research strengths, aside from traditional interests in multivariate analysis, reliability, meta-analysis and time series, are now in the areas of neurostatistics, statistics in psychiatry, and clinical trials methodology. We collaborate throughout the University.

PROGRAMS OFFERED:

<u>Major Field of Study</u>	<u>Degree</u>	<u>Avg. Fall Student Applicants</u>	<u>Avg. New Students Enrolled</u>	<u>Average Yearly # of Degrees</u>	<u>Yearly Average Enrolled</u>	<u>Average Percentage of Women</u>
Applied Statistics	MA/MS	129	4	3	5	10
Statistics	MA/MS	83	2	8	2	10
Statistics	Ph.D.	112	8	2	28	50

Recent MA/MS/Ph.D.'s Placements:

- MA /MS BNY Mellon
Assistant Manager, Genpact, TX
Management Science Associates, Statistician, Pittsburgh, PA
Modern Marketing Concepts, Marketing Analyst

- PhD Liberty Mutual Insurance
Novartis Pharmaceuticals
AbbVie Incorporated
Post-Doc, Duke University, Department of Biostatistics
Assistant Professor, University of Pittsburgh, School of Medicine/Data Center

Admissions Requirements: 3 semesters of calculus (for science majors), 1 semester of linear or matrix algebra, 1 semester of calculus-based probability, 1 semester of mathematical statistics. Advanced calculus is also expected for Ph.D. applicants.

Experience with statistics computer software highly recommended, ie. SAS, R

Admission Deadline: Fall admission: January 15th
For Spring admission: contact Department

Average Entering GPA: 3.7

Average GRE's of	Verbal	158
Entering Students:	Quantitative	168
	Analytical	4.0

Is the GRE Subject Test Required? No Yes (specify)

Can Students Earn a Degree Exclusively Through:

⇒ Part-Time Study? Yes No

⇒ Evening/Weekend Study? Yes No

Are Career-Related Internships/Field Work Available?

Yes No

Number of Faculty Members Actively Involved with Graduate Students through Teaching or Research:

Part-Time: 0

Full-Time: 9

Last Revised: October 2015

Percentage of Students fully FUNDED BY DEPARTMENT (e.g., Assistantships, Fellowships):

100% Less than 50%
 50-99% None

How many years of support guaranteed from department:

If awarded TA or Fellowship, guaranteed 5 years

Are Departmental Awards Available to Master's Degree Students? Yes* No

*sometimes a semester of a stipend is available to help with grading or lab work

Special Program Highlights:

- ✓ Supervised experience in consulting
- ✓ One on one consultation with clients related to statistical problems
- ✓ Individual attention and training
- ✓ Summer internships usually found in companies, such as Liberty Mutual
- ✓ Department(s) or other schools within University seeking statisticians

Current Research Interests of Faculty:

- ✓ Stochastic Models
- ✓ Statistical Meta-Analysis
- ✓ Time Series
- ✓ Reliability Theory
- ✓ Survival Analysis
- ✓ Meta-Analysis
- ✓ Clinical Trials
- ✓ Multivariate Statistical Analysis
- ✓ Applications of Statistics in Biomedical Sciences, including Psychiatry
- ✓ Functional data analysis, longitudinal data analysis
- ✓ and network modeling