Statistics Department Profile

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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:

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

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 Entering Students:
- Verbal: 158
- Quantitative: 168
- Analytical: 4.0

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

Can Students Earn a Degree Exclusively Through:
- Part-Time Study? [ x ] Yes [ ] No
- Evening/Weekend Study? [ ] Yes [ x ] No

Are Career-Related Internships/Field Work Available? [ x ] 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%
- [ X ] 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* [ *x ] 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