Master of Professional Studies

The Master of Professional Studies (MPS) is a degree in **Applied Statistics** for professional careers in business, industry or government. The program can be completed in one year by a well-prepared student with the equivalent of an undergraduate degree in statistics or applied mathematics. Students with less preparation can make up missing prerequisites, while at Cornell, which will increase the time required to complete the degree requirements by one or two additional semesters. Graduates perform statistical analysis in the following areas:

- Survey sampling
- Experimental design
- Survival analysis
- Linear and nonlinear models
- Data mining and statistical learning
- Time series and stochastic processes
- SAS programming and statistical computing
- Visualization
- Statistical modeling and analysis

Data-Centered Statistics, an option added Fall of 2008, focuses on the following areas:

- High-performance computing as it relates to statistics, data, and large (tera- or peta-scale) datasets
- Advanced statistical programming and software
- Databases - design, SQL, optimization, interfaces
- Middleware, interoperability, scripting and associated languages (PERL, PYTHON, C#, etc.),
- Cluster-, super- and grid computing

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**Most Frequently Selected Fields, with average salaries**

- **Consulting/Professional Practice** 43%  
  Average Salary: $60,600
- **Technology** 21%  
  Average Salary: $65,000
- **Insurance** 10%  
  Average Salary: $59,500
- **Retail** 6%  
  Average Salary: -
- **Financial Services** 6%  
  Average Salary: -

**Sample Job Titles**

- Research Analyst
- Product Operations Analyst
- Strategy Analyst
- Human Capital Analyst
- Statistical Analyst
- Financial Specialist
- Actuary Consultant

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**Response Rates**

- **Surveyed**: 24
- **Responded**: 19

- **Response Rate**: 79%

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**Postgraduate Activities**

- Employed 79%
- Still Seeking 5%
- Pursue Ph.D. 16%
30% of students reported receiving a median of $5,000 signing bonus.

Salary Statistics
(mean annual salaries, shown in US Dollars)

- Masters
  - 2007: $61,667
  - 2006: $62,778

Signing Bonus
30% of students reported receiving a median of $5,000.

Employers
- Merkle
- Carmax
- Deloitte Consulting
- Gallup Organization
- Epsilon-Alliance Data
- Wachovia
- Westat
- Hewlett-Packard
- Pearl Meyer & Partners
- Samsung
- Valtech Consulting Korea
- Travelers Insurance
- Wintec Industries

*unless specified, employer hired one position.

For More Information
www.stat.cornell.edu

How Employment was found
- Career Services 50%
- Other 33%
- Personal Contact 17%

Geographic Location of Employed Graduates
- Northeast 8%
- Boston 8%
- NYC Metro 8%
- International 15%
- Midwest
- South 11%
- Southwest 17%
- Mid Atlantic 23%
- Chicago 8%
- LA Metro
- Seattle
- San Francisco Bay Area 8%
- West 15%
- South 11%

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