Masters of Professional Studies
Applied Statistics

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 typically perform statistical analysis in the following areas:

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

Data-Centered Statistics, focuses on:
Advanced statistical programming and software, databases, high performance computing as it relates to statistics and large datasets, middleware, interoperability, scripting and associated languages, e.g., Python.

Post Graduate Activities

<table>
<thead>
<tr>
<th>Employment (Full Time)</th>
<th>Still Seeking</th>
<th>Grad School</th>
<th>Internships</th>
</tr>
</thead>
<tbody>
<tr>
<td>89%</td>
<td>5%</td>
<td>3%</td>
<td>3%</td>
</tr>
</tbody>
</table>

Response Rate 95%
Surveyed: 42
Responded: 40

Sample Job Titles

- Actuarial Analyst
- Brokerage Analyst
- Business Intelligence Analyst
- Data Scientist
- IT Consultant
- Pricing & Valuation Analyst
- SAS Analyst
- Statistician

Business Sectors - Median Salaries

<table>
<thead>
<tr>
<th>Business Sector</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consulting</td>
<td>65,833</td>
</tr>
<tr>
<td>Financial Services</td>
<td>69,000</td>
</tr>
<tr>
<td>Technology</td>
<td>65,833</td>
</tr>
<tr>
<td>Communications</td>
<td>53,800</td>
</tr>
<tr>
<td>Education</td>
<td>40,500</td>
</tr>
<tr>
<td>Other</td>
<td>71,000</td>
</tr>
</tbody>
</table>

http://stat.cornell.edu/academics/mps
Salary Statistics

**MPS Applied Statistics**

<table>
<thead>
<tr>
<th>Average Full Time Salary: $65,000 (US employment)</th>
</tr>
</thead>
<tbody>
<tr>
<td>High = $80,000</td>
</tr>
</tbody>
</table>

**Signing Bonus**

21% of students reported a mean of $9656

Employers

- Argus Information and Advisory Services
- Bank of America
- Bank of China International
- BlackRock
- Capital One
- Ciber
- Cloudeeva, Inc
- Columbia Business School
- ComScore Inc.
- Copernicus Marketing Consulting and Research
- Corning Inc.
- D’Addario & Company
- Delta Airlines
- DIA Associates, LLC
- ExIService
- FI Consulting
- International Reinsurance Managers
- J.P. Morgan Chase
- Kiva Systems
- KMK Consulting, INC
- Lenovo
- MarketShare
- Michael Allen Company
- New York Life Insurance
- Nielsen
- Publishers clearing house
- Smoothies Technology
- Tata Consultancy Services
- TechData Service Company
- Weill Medical College

For More Information:
http://stat.cornell.edu/academics/mps

Geographic Location of Employed Graduates

- CA 3%
- China 6%
- CT 3%
- MA 3%
- MA 6%
- MD 6%
- NYC 31%
- NJ 23%
- PA 6%
- DE 3%
- DC 3%
- VA 6%
- NC 3%
- GA 3%
- FL 3%

How Employment Was Found

- Job Posting 53%
- Networking 29%
- On-campus Recruiting 14%
- Career Fair / Consortium 4%