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 exampled in the following areas:

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

Data-Centered Statistics, an option added Fall of 2008, 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.

Most Frequently Selected Fields, With Median Salaries

<table>
<thead>
<tr>
<th>Field</th>
<th>Percentage</th>
<th>Median Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Financial Services</td>
<td>26%</td>
<td>$62,000</td>
</tr>
<tr>
<td>Consulting / Business /</td>
<td>54%</td>
<td>$65,300</td>
</tr>
<tr>
<td>Marketing / Insurance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical</td>
<td>11%</td>
<td>$71,000</td>
</tr>
<tr>
<td>Healthcare/Pharmaceutical</td>
<td>9%</td>
<td>$59,700</td>
</tr>
</tbody>
</table>

Sample Job Titles

- Business Analyst
- Consultant
- Data Analyst
- Healthcare Analyst
- Marketing Analyst
- Research Associate
- Risk Analyst

Response Rates

- Surveyed 38
- Responded 37
- 97% Response Rate

http://www.stat.cornell.edu/mps/
**Employers**

Affinion  
Amazon  
Argus  
Bank of Canada  
Bausch and Lomb  
Capital One  
Chartis Insurance  
Comscore  
Encore Capital Group  
ETS  
FMCNA  
Hudson River Group  
Independent Health  
KMK Consulting Inc.  
LG CNS  
Michael Allen Company  
Microstrategy  
Navigant Consulting  
NPD Group  
Oracle, CA  
Oshkosh Corp.  
Proficient  
Regions Financial Corp.  
Risk Mgmt. Solutions  
SAS China  
Samsung Card  
Samsung Life Insurance  
SCIOinspire Corp.  
Shenzhen Capital Group  
SK E&C  
Trinity Partners  
Tsinghua University  
Vivo Ventures

**Geographic Location of Employed Graduates**

- San Francisco, CA 5%  
- LA, CA 3%  
- San Diego, CA 3%  
- Seattle 3%  
- Buffalo 3%  
- Boston 5%  
- DC Metro 14%  
- Argentina 22%  
- China 8%  
- S. Korea 11%  
- Ottowa CAN 3%

**How Employment Was Found**

- Job Posting 47%  
- Networking 19%  
- On-campus Recruiting 16%  
- Career Fair / Consortium 12%  
- Previous Internship/Job 6%

**Salary Statistics**

**MPS Applied Statistics Masters**

Average Salary $65,000  
High = $102,000  
Low = $49,000

**Signing Bonus**

48% of students reported a mean of $4,800

**Graduate Schools Attending**

Emory University

**For More Information:**

http://www.stat.cornell.edu/mps