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>31%</td>
<td>$65,674</td>
</tr>
<tr>
<td>Consulting / Business /</td>
<td>54%</td>
<td>$63,000</td>
</tr>
<tr>
<td>Marketing / Insurance</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical</td>
<td>12%</td>
<td>$63,200</td>
</tr>
<tr>
<td>Healthcare/Pharmaceutical</td>
<td>3%</td>
<td>$70,000</td>
</tr>
</tbody>
</table>

Sample Job Titles

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

Response Rates

93% Response Rate
Surveyed 46
Responded 43

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

**MPS Applied Statistics Masters**

Average Salary $64,000

High = $96,000     Low = $45,000

**Signing Bonus**

25% of students reported a mean of $4,900

**Employers**

American Express
Analytic Partners
Barclays
Bloomberg Sports
Blue Sea Financial Holdings
Citi
CME Group
Comrise
comScore
GREE
GroupM
Ingram Micro
KIS Pricing
KMK Consulting
Kohl’s
Marketing & Plan. Systems
Mommsen Global
Myriad Supply Company
Nestle
Newedge Group
Oliver Wyman
Parkland Hospital Syst.
PepsiCo
Provenir Inc.
Revenue Solutions Inc.
SCOR
SQA Labs
Sullivan, Cotter and Assoc.
Tiaa Cref
Travelers Insurance
World Bank
Zappos.com

**Geographic Location of Employed Graduates**

- **International 9%**
  - Japan 3%
  - China 3%
  - S. Korea 3%

- **DC Metro 5%**
- **Boston 10%**
- **Conn. 3%**
- **Metro NYC 48%**
- **Las Vegas, NV 3%**
- **LA, CA 3%**
- **Chicago 5%**
- **Pittsburgh, PA 3%**
- **LA, CA 3%**
- **Phoenix, AZ 3%**
- **Dallas TX 3%**
- **Charlotte, NC 3%**

**How Employment Was Found**

- **Job Posting 56%**
- **Networking 15%**
- **On-campus Recruiting 10%**
- **Previous Internship/Job 10%**
- **Career Fair / Consortium 6%**
- **Cold call/email 3%**

For More Information:

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