

MASTER OF SCIENCE IN ANALYTICS

2014 EMPLOYMENT REPORT

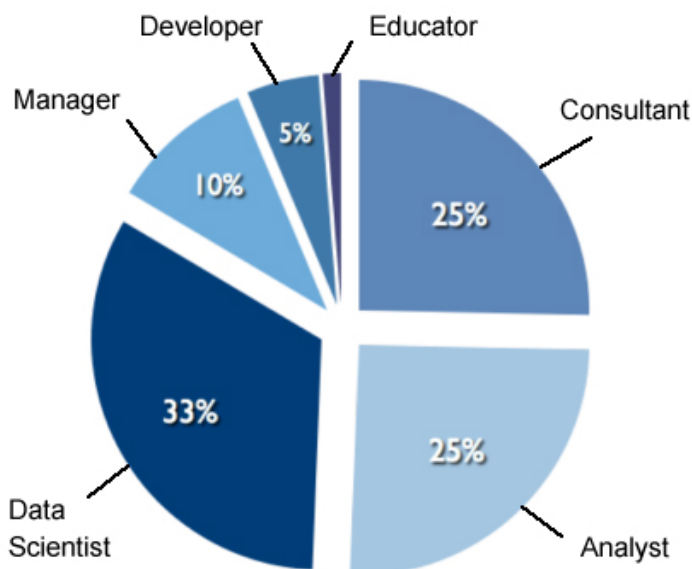
Results at graduation, May 2014	
Number of graduates:	79
Number of graduates seeking new employment:	75
Percent with one or more offers of employment by graduation:	100
Percent placed by graduation:	100
Number of employers interviewing:	138
Average number of initial job interviews per student:	13
Percent of all interviews arranged by Institute:	92
Percent of graduates with 2 or more job offers:	90
Percent of graduates with 3 or more job offers:	61
Percent of graduates with 4 or more job offers:	40
Average base salary offer (\$):	96,600
Median base salary offer (\$):	95,000
Average base salary offers – candidates with job experience (\$):	100,600
Range of base salary offers – candidates with job experience (\$):	80,000-135,000
Percent of graduates with prior professional work experience:	50
Average base salary offers – candidates without experience (\$):	89,000
Range of base salary offers – candidates without experience (\$):	75,000-110,000
Percent of graduates receiving a signing bonus:	65
Average amount of signing bonus (\$):	12,200
Percent remaining in NC:	59
Percent of graduates sharing salary data:	95
Number of reported job offers:	246
Percent of reported job offers based in U.S.:	100

POSITIONS FILLED

Advanced Technologist (3)
 Analyst
 Analytics Consultant (6)
 Analytics Director
 Assistant Professor
 BI Consultant
 Consultant (7)
 Credit Risk Analyst (4)
 Data Analyst (3)
 Data Mining Analyst
 Data Scientist (13)
 Director
 Manager, Consumer/Guest Research
 Marketing Data Analyst
 Model Validation Analyst
 Product Manager, Merchandising Metrics

Risk Analyst
 Senior Analyst
 Senior Associate
 Senior Associate Data Scientist (9)
 Senior Associate Software Developer
 Senior Associate Systems Engineer
 Senior Business Analyst
 Senior Consultant (3)
 Senior Enterprise Analyst (2)
 Senior Marketing List Analyst
 Senior Statistician (3)
 Senior Value Modeling Analyst
 Solutions Architect
 Technical Account Manager (2)
 Technical Expert
 Technical Consultant (2)

MAJOR TYPES OF POSITIONS OFFERED TO CANDIDATES IN MSA CLASS OF 2014

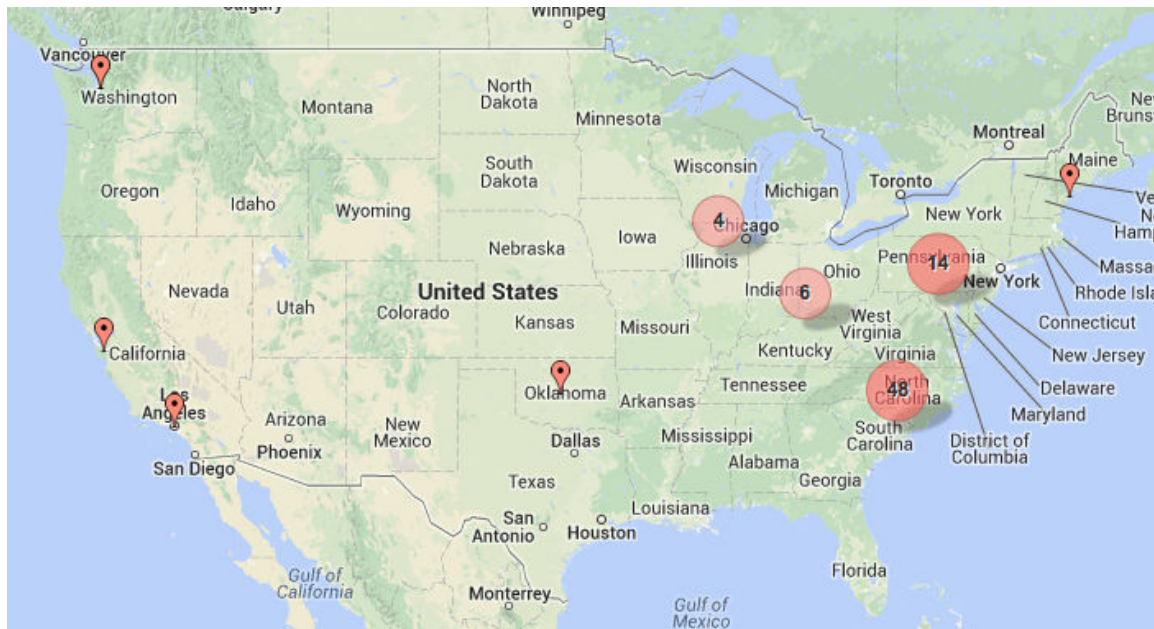


EMPLOYERS THAT MADE OFFERS

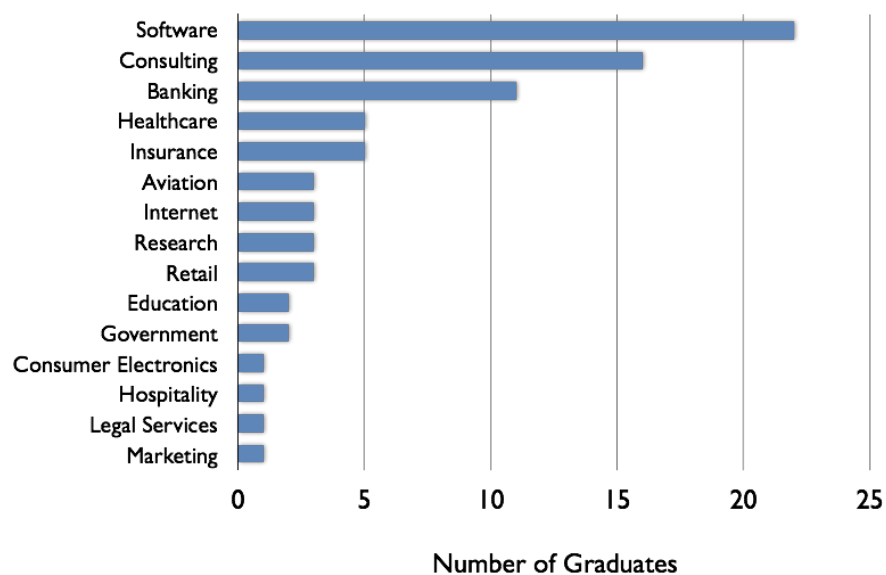
Alteryx (Irvine, CA)	Infosys (Dallas, TX)
Apple (Cupertino, CA)	InterWorks (Stillwater, NE)
ARPC (Washington, DC)	J.M. Smucker Company (Orrville, OH)
Bank of America (Charlotte, NC)	JP Morgan Chase (Columbus, OH)
Bellicose (Dorado, PR)	Kurt Salmon (New York, NY)
Boeing (Seattle, WA and St. Louis, MO)	Lowe's Companies (Mooresville, NC)
Brooks Bell (Raleigh, NC)	M&T Bank (Buffalo, NY)
Carlisle & Gallagher (Charlotte, NC)	Maven Medical (Baltimore, MD)
Carolinas HealthCare (Charlotte, NC)	Marriott International (Bethesda, MD)
Cigna (Raleigh, NC)	MaxPoint Interactive (Cary, NC)
Cisco Systems (RTP, NC)	McKinsey (Boston, MA)
Citrix (Raleigh, NC)	MetLife (various locations)
Community Care of NC (Raleigh, NC)	Moxie (Raleigh, NC)
Deloitte Consulting (various locations)	Nielsen Marketing Analytics (Chicago, IL)
Discover Financial Services (Chicago, IL)	NC State University (Raleigh, NC)
Dude Solutions (Cary, NC)	PAR Framework (Chapel Hill, NC)
Eastman Chemical (Kingsport, TN)	Red Hat (Raleigh, NC)
eBay (New York, NY)	RTI International (RTP, NC)
Elder Research (Washington, DC)	SAS Institute (Cary, NC)
Elicit, LLC (various locations)	Search Discovery (Atlanta, GA)
EXL (New York, NY)	Syngenta (RTP, NC)
EY (Charlotte, NC)	TASC (Vienna, VA)
HanesBrands (Winston-Salem, NC)	Tata Consultancy Services (NY, NY)
Humana (Louisville, KY)	Three Ships Media (Raleigh, NC)
IBM (Herndon, VA)	Walmart (Bentonville, AR)
ICF International (Washington, DC)	Zencos (Cary, NC)

Bold = Employers that succeeded in hiring one or more candidates.

GEOGRAPHIC DISTRIBUTION OF EMPLOYMENT

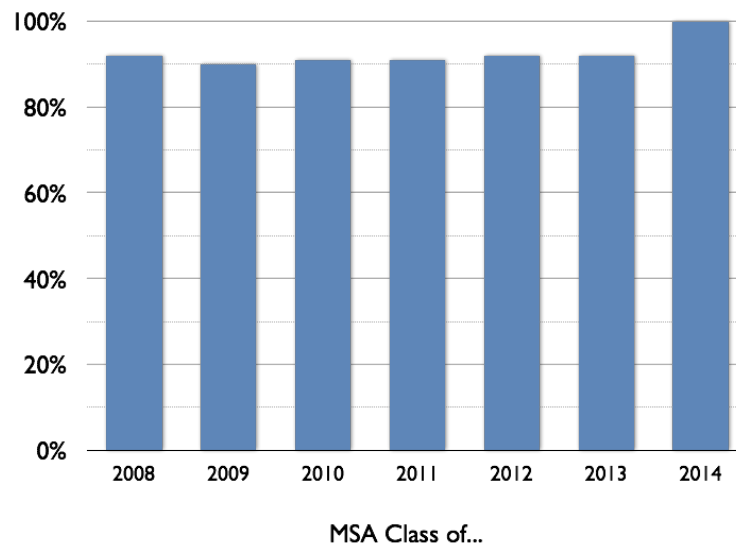


DISTRIBUTION OF EMPLOYMENT BY INDUSTRY MSA CLASS OF 2014



HISTORICAL PLACEMENT RATES

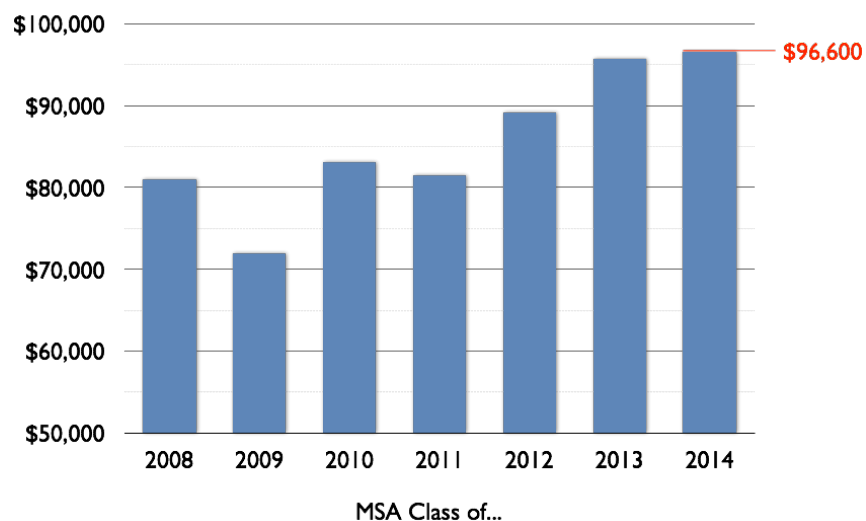
JOB PLACEMENT RATE BY GRADUATION



HISTORICAL SALARY LEVELS

AVERAGE BASE SALARY

(Not including signing bonuses or other one-time compensation)

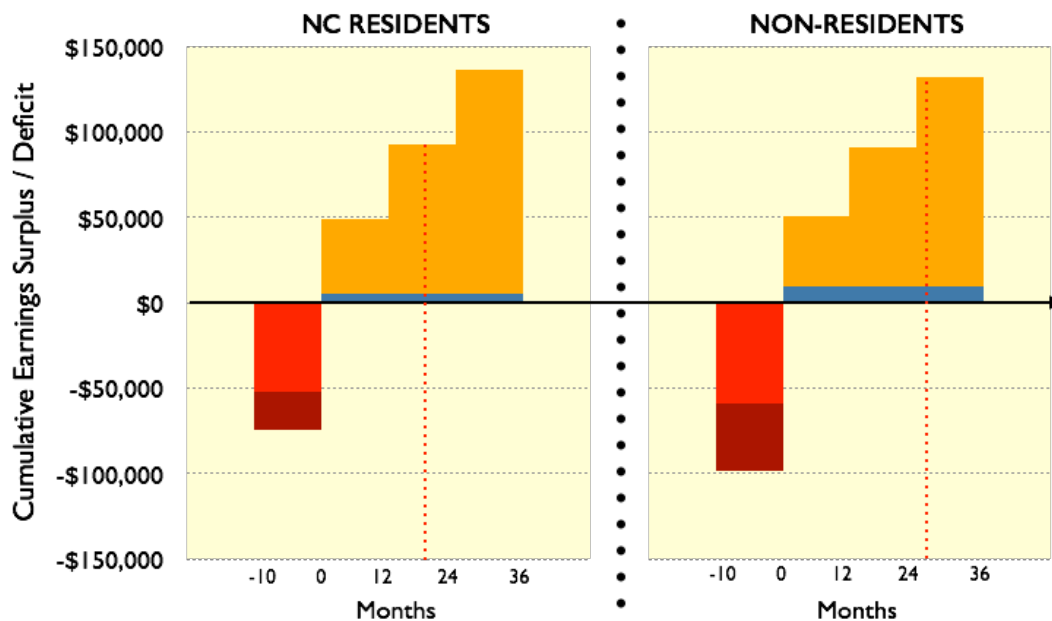


A post-graduation survey of students in the Master of Science in Analytics (MSA) Class of 2014 gives an estimated payback period of 19-months for North Carolina residents and 26-months for non-residents. That's how long, on average, it will take for students who completed the MSA this year to recover the cost of attending (tuition and fees) and the year of lost earnings (pre-MSA salary).

RETURN ON INVESTMENT MSA CLASS OF 2014

Candidates working full-time prior to entry

- Tuition
- Forgone Earnings
- Net MSA Surplus
- Signing Bonus



$$\text{Payback period (months)} = \frac{(\text{Pre-MSA Salary} + \text{Tuition}) - \text{Signing Bonus}}{(\text{Post-MSA Salary} - \text{Pre-MSA Salary})} \times 12$$

Notes:

Data are posted as of May 2, 2014. Data with respect to salaries and bonuses are self-reported by graduates (without anonymity) and whenever possible verified independently in cases where placement is arranged by the Institute (i.e., most candidates). Four graduates in 2014 did not seek new employment, and instead returned to a previous employer. Student job placements are full-time paid positions without exception; the Institute does not place students in part-time, internships, or pro bono work. Data are made public here to guide prospective students and employers. Average base salary figures do not include signing bonuses, relocation allowances or other forms of one-time compensation guaranteed upon signing. Experienced candidates are those who have 3 or more years of professional work experience before entering the program. Conditional job offers (i.e., those requiring security clearance prior to employment) are not included in the data. International students with the MSA degree are eligible for Optional Practical Training (OPT). Graduation is held in May with the actual date varying each year. The Institute reports placement at graduation (not 90-days post graduation), because it is the best indicator of the inherent market value of a graduate degree.

Disclaimer:

The Institute has a proven track record for placing its graduates in the analytics profession, but it does not under any circumstance offer a guarantee of employment upon completion of the MSA degree.

Source URL: http://analytics.ncsu.edu/reports/MSA2014_Employment_Report.pdf