



# Master of Science in Quantitative Management (MQM): Business Analytics

## Class of 2022 Employment Report

### Program Description

The [Master of Science in Quantitative Management \(MQM\): Business Analytics](#) program at Duke University's Fuqua School of Business is an intensive 10-month degree that provides a foundation in data analytics, with a focus on specific issues in one of four industry domains. In addition to learning data science tools, students build critical thinking and communication skills to enable them to ask the right questions, generate insights, and present solutions effectively.

Designed for students with 0-3 years' post-college experience, MQM is a STEM-designated degree giving international students meeting certain requirements the opportunity to work in the United States for three years without sponsorship<sup>1</sup>.

### Graduating Class Profile<sup>2</sup>

Categories	Permanent US Work Authorization (WA)	Temporary US Work Authorization (WA)	Class of 2022 Graduates <sup>2</sup>
<b>SEEKING EMPLOYMENT</b>	<b>46</b>	<b>195</b>	<b>241</b>
<b>NOT SEEKING EMPLOYMENT</b>			
Company Sponsored	0	1	1
Continuing Education	2	4	6
Starting a New Business	1	1	2
Not Seeking for Other Reasons	0	3	3
<b>TOTAL NOT SEEKING EMPLOYMENT</b>	<b>3</b>	<b>9</b>	<b>12</b>
<b>NO RECENT INFORMATION AVAILABLE<sup>2</sup></b>	<b>0</b>	<b>2</b>	<b>2</b>
<b>CLASS OF 2022 TOTAL GRADUATES</b>	<b>49</b>	<b>206</b>	<b>255</b>

### Class Employment

Class of 2022 total graduates	255
Not seeking employment	12
No recent information available	2
Total Seeking Employment	241

### Class Profile

Average Age	23
Average Work Experience (months)	25
Women	122 (48%)
Average Undergraduate GPA	3.63 (4.0 scale)
Mid 80% GMAT	633 - 750
Mid 80% GRE Verbal	149 - 164
Mid 80% GRE Quant	159 - 170
Countries Represented	25
Undergraduate Institutions Represented	165+
Permanent US Work Authorization	49 (19.2%)
Non-Permanent US Work Authorization	206 (80.8%)

<sup>1</sup> 12 months standard OPT plus one 24-month STEM OPT extension.

<sup>2</sup> This report reflects 99.2% of graduating class reporting reliable outcome information.

## Employment Statistics – Timing of First Offers<sup>3</sup>

	Total Seeking Employment	By Graduation				Between Graduation and Six Months Post Graduation				Total Offers	
		Full-Time		Short-Term		Full-Time		Short-Term			
		#	%	#	%	#	%	#	%	#	%
Permanent US Work Authorization	46	20	43%	0	0%	22	48%	2	4%	44	95.7%
Temporary US Work Authorization	195	93	48%	4	2%	96	49%	1	.5%	194	99.5%
<b>TOTAL GRADUATES</b>	<b>241</b>	<b>113</b>	<b>47%</b>	<b>4</b>	<b>2%</b>	<b>118</b>	<b>49%</b>	<b>3</b>	<b>1%</b>	<b>238</b>	<b>98.8%</b>

## Employment Statistics – Timing of Job Acceptances<sup>4</sup>

	Total Seeking Employment	By Graduation				Between Graduation and Six Months Post Graduation				Total Acceptances	
		Full-Time		Short-Term		Full-Time		Short-Term			
		#	%	#	%	#	%	#	%	#	%
Permanent US Work Authorization	46	20	43%	0	0%	22	48%	2	4%	44	95.7%
Temporary US Work Authorization	195	85	44%	1	.5%	108	55%	0	0%	194	99.5%
<b>TOTAL GRADUATES</b>	<b>241</b>	<b>105</b>	<b>44%</b>	<b>1</b>	<b>0%</b>	<b>130</b>	<b>54%</b>	<b>2</b>	<b>.8%</b>	<b>238</b>	<b>98.8%</b>

## Primary Source of Full-Time Job Acceptances (School-facilitated and Graduate-facilitated)

**26%**  
of accepted job offers, or 63 jobs, were directly Fuqua-facilitated. These jobs were found through direct alumni connections, campus interviews or job postings, or due to other direct introductions or events.

**74%**  
of accepted job offers, or 175 jobs, were Graduate-facilitated. These jobs were found through networking, internet searches, job postings, third party recruiters, or other avenues, including indirect alumni contact.

<sup>3</sup> Job Offers reflect compensated full-time and short-term roles (20+ hours per week), as well as intern-to-full-time conversions.

<sup>4</sup> Job Acceptances reflect compensated full-time and short-term employment (20+ hours per week), as well as intern-to-full-time conversions.

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## Compensation Report<sup>5</sup>

SALARY	# Reporting	% Reporting <sup>6</sup>	Mean	Median	50 <sup>th</sup> to 75 <sup>th</sup> Percentile	Low	High
Permanent US Work Authorization	39	93%	\$96,706	\$93,000	\$93,000 – \$108,000	\$60,000	\$175,000
Temporary US Work Authorization	169	97%	\$104,921	\$103,000	\$103,000 – \$120,000	\$48,000	\$175,000
Total Graduates	208	97%	\$103,381	\$100,000	\$100,000 – \$118,000	\$48,000	\$175,000

STARTING/SIGNING BONUS	# Reporting	% Reporting <sup>7</sup>	Mean	Median	50 <sup>th</sup> to 75 <sup>th</sup> Percentile	Low	High
Permanent US Work Authorization	23	59%	\$13,674	\$10,000	\$10,000 – \$12,500	\$2,000	\$70,000
Temporary US Work Authorization	108	63%	\$13,157	\$10,000	\$10,000 – \$15,000	\$2,000	\$128,500
Total Graduates	131	62%	\$13,248	\$10,000	\$10,000 – \$15,000	\$2,000	\$128,500

SALARY – China <sup>8</sup>	# Reporting	% Reporting <sup>9</sup>	Mean	Median	50 <sup>th</sup> to 75 <sup>th</sup> Percentile	Low	High
Total Graduates – Base Salary	8	62%	¥257,725	¥256,000	¥256,000 – ¥296,250	¥172,800	¥312,000

<sup>5</sup> 238 graduates reported employment world-wide, comprising 235 full-time and three short-term jobs; 218 in the US and 20 offshore, of the latter, 13 in China. Three graduates accepted full-time jobs in Hong Kong and one each in Germany, India, Mexico and Saudi Arabia. Compensation was reported for 208/215 of US full time jobs (97%) and 13/20 for offshore jobs; overall 221 of 235 (94%) full-time positions reported compensation. In the US, 113 graduates across all job types reported successfully negotiating compensation beyond initial offer (52%).

<sup>6</sup> Percent of graduates with Permanent US Work Authorization reporting full-time \$US Salary = 39/42|93%; percent of grads with Temporary US Work Authorization reporting \$US salary = 169/174|97%. Percent of all US full-time employed graduates reporting \$US salary = 208|95%; seven full-time employed graduates in the US did not report salary within 215 US-based full-time jobs. Excludes paid US contract roles and internships (3). Outside the US, 20 graduates full-time roles, 13|65% in China.

<sup>7</sup> Graduates with Permanent US Work Authorization reported = 23/39|59%; graduates with Temporary US Work Authorization reported = 108/169|64%. All graduates reporting US starting/signing bonus = 131/208|63% of 208 grads reporting compensation for 215 US-based full-time jobs.

<sup>8</sup> Thirteen graduates reported full-time jobs in China.

<sup>9</sup> Percent of full-time employed graduates in China reporting ¥ salary = 8/13|62%; five full-time employed graduates in China did not report salary.



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## Selected Employers and Titles by Track

Graduates joined 120 employers in the US and 19 offshore (\$). Thirty-one employers hired more than one graduate.

**Finance Track** (Senior) Business/Financial Analyst, Analytics Consultant, (Associate) Data Scientist/Data Analyst, Associate-Analytics & Insights, Associate-Institutional Options, Analyst-Risk Dynamics, FP&A Analyst, Growth Technology Associate, Investment Banking Analyst, M&A Analyst, Market Risk Analyst, Portfolio Analyst, Product Analyst, Quantitative Research Associate, Quantitative Risk Analyst, Technical Operations Analyst

Amazon	Blockapps	Deloitte	FEMSA §	McKinsey	S&P Global
Apple	Bloomberg*	Dimensional Fund Advisors	FleetCor	MIO Partners	Slalom Consulting
Ares Capital	BNY Mellon	Discover	Goldman Sachs	Moody's Investors	The Blackstone Group
Barings	BSE Global	DUMAC, LLC	HealthBook+	Morgan Stanley	The Home Depot
BlackRock	Capital One	Edgewater Capital	JP Morgan Chase	Oppenheimer & Co.	Unitas Capital §
Blizzard Entertainment	Credit Karma	EY	MasterCard Advisors	PwC	Wells Fargo

**Forensics Track** Analyst, Data Scientist, (Senior) Audit Analyst, (Senior) Business Analyst, Consultant, Data Analyst, Finance Analyst, Financial Crimes & Tech Analytics Associate, Market Risk Analyst, Product Analyst, Product Manager, Quant Analytics Associate, Revenue Analyst, Risk Data Analyst, Risk Strategy Analyst, Sales & Trading Analyst, (Senior) IT Audit Analyst, Staff-Valuation/Model Economics, Supply Chain Analyst

Alibaba Group §	CITIC Securities §	Dow Jones	FleetCor	Lenovo Inc.	PwC
Bill.com	Credit Suisse	Epic	IQVIA	McKinsey	Tesla
Capital One	Deloitte Consulting	EY-Parthenon	JP Morgan Chase	Meituan §	Walmart
Citibank	Discover	Fidelity Investments	JustAnswer	Plymouth Rock Assurance	Wayfair

**Marketing Track** (Senior) Analyst: IT Audit/Market Research/Merchandising/Reporting/Revenue Management/Risk/Sales Operations/Strategy/Solution Delivery/Space Management, Analytic Consultant, Business Analyst, Business Intelligence Engineer, Data Analyst, Data Scientist, Decision Analytics Associate, Digital Marketing Analytics Associate, Go to Market Associate, Product Analyst, Program Manager, UX Sound Designer

Amazon	Chewy	Discover	Goldman Sachs	Meta	Volvo
Apple	Citibank	Ernst & Young	Jefferies & Co.	Morningstar	Walgreens
Baidu §	Cox Communications	Fidelity Investments	JP Morgan Chase	Roku	Walmart
BCG	CVS Health	Flowers Foods	Juniper Networks	The Home Depot	Walt Disney*
Capital One	Deloitte Consulting	Gap	McKinsey	Uber	ZS Associates

**Strategy Track** (Senior) Business/Data/Financial/Investment Research Analyst, Business Intelligence Analyst/Developer/Engineer, Consultant, Consumer Insights Analyst, Data Analyst, Data Scientist, Decision Analytics Associate, Growth & Operations Associate, People Advisory Consultant, Product Analyst, Product Manager, Program Manager, Quant Analytics Senior Associate, Senior Analyst-Customer Analytics, Technology Analyst

7-Eleven Inc.	Bloomberg §	Google	KPMG US, KPMG §	Oportun	Truist
ADP	Capital One	HSBC Bank §	Los Angeles Football Club (LAFC)	Santander Bank	Two Sigma
AlphaSights §	CoverWallet (Aon)	Hudson River Trading	McKinsey	ServiceNow	Uber
Amazon	Dynamic Ideas LLC	Inmar Inc.	Meta	Staples	Wayfair
American Credit Acceptance LLC	EY-Parthenon	IQVIA	Microsoft	The Home Depot	Zillow Group
BCG	Fox Robotics	JP Morgan Chase	Novartis	Tiger Analytics Consulting	ZS Associates

\*Permanent US work authorization was required for this role.

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## Employers Hiring Multiple Graduates

Thirty-one of the 120 US employers hired multiple graduates from the MQM Class of 2022. Outside the US, nineteen companies hired 20 graduates. Three employers hired graduates in both the US and China.

Employers – US	Employers – US & China
<b>Hiring ten or more:</b> Capital One (20), Amazon (11), The Home Depot/The Home Depot Pro (10)	Alibaba Group: China, 2
<b>Hiring five to nine:</b> JP Morgan Chase (8), Ernst & Young (6), McKinsey (6), Deloitte (5)	Bloomberg: China, 1 and US, 1
<b>Hiring four graduates:</b> Credit Suisse, Uber, Walmart, Wayfair	Ernst & Young: China, 1 and US, 6
<b>Hiring three graduates:</b> Citibank, Dimensional Fund Advisors, Discover, Fleetcor, Meta, PwC	KPMG: China, 1 and US, 1
<b>Hiring two graduates:</b> American Credit Acceptance LLC, Apple, BCG, BSE Global, Goldman Sachs, Google, Hudson River Trading, IQVIA, JustAnswer, Kinesso, Morgan Stanley, Wells Fargo, ZS Associates	

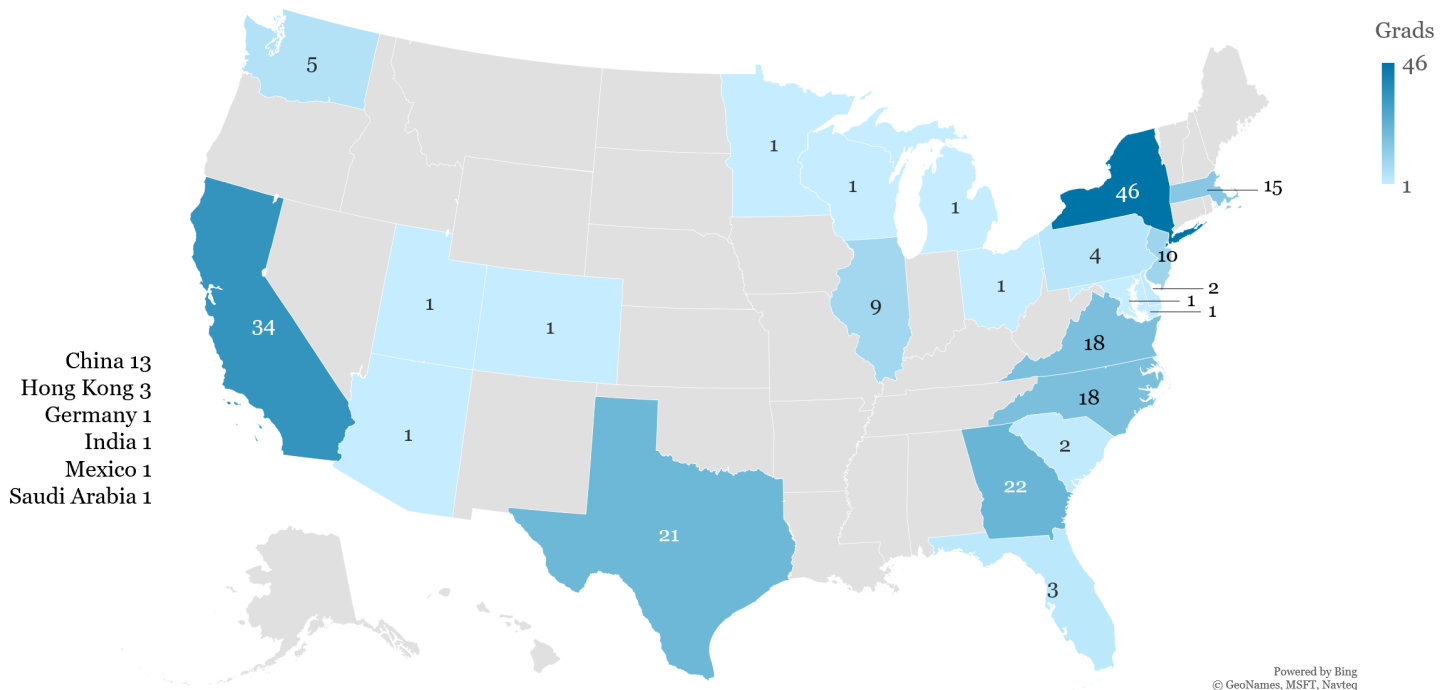
## MQM Employment by Geography

### US (n=218)

Northeast (71|33%) – Mid-Atlantic (26|12%) – South (45|21%) – Midwest (13|6%) – Southwest (23|11%) – West (40|18%)

### Offshore (n=20)

China (13|65%) – Hong Kong (3|15%) – Germany (1|5%) – India (1|5%) – Mexico (1|5%) – Saudi Arabia (1|5%)





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## Selected Employment Sectors by Track

FINANCE TRACK	FORENSICS TRACK	MARKETING TRACK	STRATEGY TRACK
Consulting: Analytics, Technology	Accounting & Audit Services	Automotive	Consulting: Analytics, Human Capital, Strategic/Management, Technology, Other
Financial: Asset Management, Commercial Banking, Investment Management, Investment Banking	Consulting: Healthcare, Other	Consulting: Analytics, Strategic/Management, Technology	Financial: Diversified Financial Services, Hedge Funds, Investment Management, Investment Banking, Other
Healthcare: IT/Informatics	Media/Entertainment	Consumer Goods	Healthcare: Providers/Payers
Manufacturing	Financial: Asset Management, Commercial Banking, Insurance, Investment Banking	Media/Entertainment	Media/Entertainment: Sports
Media/Entertainment: Sports	Healthcare	Financial: Commercial Banking, Diversified Financial Services, Investment Management, Investment Banking, Other	Other: Education, Energy/Utilities, Hospitality/Tourism
Retail	Manufacturing	Healthcare: Pharmaceutical, Other	Retail
Technology: FinTech, Internet/E-Commerce, Software	Tech: FinTech, Internet/E-Commerce, Multimedia, Software	Retail: Apparel, General, Home Improvement, Convenience, Other	Tech: Equipment/Hardware, Internet/E-Commerce, Software, Telecom, Other
Transportation/Logistics	Transportation/Logistics	Tech: FinTech, Equipment/Hardware, Internet/E-Commerce, Multimedia Products, Software	Transportation/Logistics

## Selected Employment Functions by Track

FINANCE TRACK	FORENSICS TRACK	MARKETING TRACK	STRATEGY TRACK
Consulting: Analytics, Forensics/Fraud, IT/Systems	Accounting: Internal Audit Analytics, Other	Consulting: Analytics, General, Management, Other	Consulting: Analytics, IT Systems, Management, Operations, People Analytics
Enterprise Analytics: Finance, Fraud/Risk/Compliance, Marketing, Sales	Consulting: Analytics, Forensics/Fraud, Other	Enterprise Analytics: Finance, Fraud/Risk/Compliance, Marketing, Operations / Supply Chain, Pricing, Strategy	Enterprise Analytics: Finance, Fraud/Risk/Compliance, Operations / Supply Chain, Strategy
Finance/Accounting: Corporate Finance, Data Science/Business Analytics, Investment Banking, Investment Management, Research, Sales and Trading	Enterprise Analytics: Finance, Fraud/Risk/Compliance	Finance/Accounting: Data Science/Business Analytics, General, Other	Finance/Accounting: Corporate Finance, Data Science / Business Analytics, Portfolio Management/ Buyside Research, Sales and Trading
General Management: Data Science, Business Analytics, Internal Consulting, Strategy	Finance/Accounting: Corporate Finance, Data Science / Business Analytics, Other	General Management: Analytics, Data Science, Internal Consulting	General Management: Business Development, Analytics, Internal Consulting, Product Management
Information Technology: Data Science or Business Intelligence	General Management: Product Management	Information Technology: Data Science or Business Intelligence	Information Technology: Data Science/Business Analytics
Marketing/Sales: Product Development, Product Management	Information Technology: Data Science or Business Intelligence	Marketing/Sales: Business Analytics / Business Intelligence, Product Development, Advertising/ Public Relations, Research/ Consumer Insights, Sales	Marketing/Sales: Business Analytics / Business Intelligence, Product Management, Research/ Consumer Insights
Operations/Logistics: Analytics	Marketing/Sales: Business Analytics/Business Intelligence	Operations: Analytics, Logistics, Production Management	Operations: Data Science/Business Analytics

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