



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

Class of 2021 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 sponsorship¹.

Graduating Class Profile²

Categories	Permanent US Work Authorization (WA)	Temporary US Work Authorization (WA)	Class of 2021 Graduates ²
SEEKING EMPLOYMENT	48	92	140
NOT SEEKING EMPLOYMENT			
Continuing Education	1	1	2
Postponing Job Search	2	0	2
TOTAL NOT SEEKING EMPLOYMENT	3	1	4
NO RECENT INFORMATION AVAILABLE²	1	4	5
CLASS OF 2021 TOTAL GRADUATES	52	97	149

Class Employment

Class of 2021 total graduates	149
Not seeking employment	4
Continuing Education	2
Postponing Job Search	2
No recent information available	5
Total Seeking Employment	140

Class Profile

Average Age	23
Work Experience ≤ 6 months	106 (71%)
Women	83 (56%)
Mid 80% Undergraduate GPA	3.14-3.94 (4.0 scale)
Mid 80% GMAT (n=52)	620 – 730
Mid 80% GMAT Equivalent (n=94)	580 – 740
Countries Represented	31
Undergraduate Institutions Represented:	170+
Permanent US Work Authorization	52 (35%)
Non-Permanent US Work Authorization	97 (65%)

¹ 12 months standard OPT plus one 24-month STEM OPT extension.

² This report reflects 96.7% of graduating class reporting reliable outcome information.

Employment Statistics – Timing of First Offers³

	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	48	18	38%	0	0%	27	56%	2	4%	47	97.9%
Temporary US Work Authorization	92	19	21%	2	2%	64	70%	4	4%	89	96.7%
TOTAL GRADUATES	140	37	27%	2	1%	91	65%	6	4%	136	97.1%

Employment Statistics – Timing of Job Acceptances⁴

	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	48	18	38%	0	0%	27	56%	2	4%	47	97.9%
Temporary US Work Authorization	92	17	18%	1	1%	68	74%	3	3%	89	96.7%
TOTAL GRADUATES	140	35	25%	1	1%	95	68%	5	3%	136	97.1%

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

26%
of accepted job offers, or 36 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 100 jobs, were Graduate-facilitated. These jobs were found through networking, internet searches, job postings, third party recruiters, or other avenues, including indirect alumni contact.

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

⁴ 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 Report⁵

SALARY	# Reporting	% Reporting ⁶	Mean	Median	50 th to 75 th Percentile	Low	High
Permanent US Work Authorization	41	95%	\$83,098	\$85,000	\$85,000 – \$91,000	\$40,800	\$165,000
Temporary US Work Authorization	62	95%	\$88,785	\$85,000	\$85,000 – \$105,000	\$41,600	\$145,600
Total Graduates	103	95%	\$86,522	\$85,000	\$85,000 – \$97,000	\$40,800	\$165,000

STARTING/SIGNING BONUS	# Reporting	% Reporting ⁷	Mean	Median	50 th to 75 th Percentile	Low	High
Permanent US Work Authorization	14	34%	\$6,464	\$5,000	\$5,000 – \$7,500	\$3,000	\$10,000
Temporary US Work Authorization	24	39%	\$9,992	\$5,000	\$5,000 – \$13,500	\$2,300	\$33,500
Total Graduates	38	37%	\$8,692	\$5,000	\$7,500 – \$10,000	\$2,300	\$33,500

TOTAL ADDITIONAL COMPENSATION	# Reporting	% Reporting ⁸	Mean	Median	50 th to 75 th Percentile	Low	High
Permanent US Work Authorization	32	78%	\$20,760	\$10,000	\$10,000 – \$18,000	\$1,500	\$120,000
Temporary US Work Authorization	41	66%	\$26,768	\$17,000	\$17,000 – \$44,000	\$2,000	\$108,628
Total Graduates	73	71%	\$24,135	\$11,500	\$11,500 – \$25,000	\$1,500	\$120,000

COMPENSATION – China ⁹	# Reporting	% Reporting ¹⁰	Mean	Median	50 th to 75 th Percentile	Low	High
Total Graduates – Base Salary	15	81%	¥219,297	¥190,677	¥203,329 – ¥264,000	¥120,000	¥408,000
Additional Compensation ¹¹	13	80%	¥66,395	¥50,000	¥50,000 – ¥78,178	¥2,400	¥200,000

⁵ 136 graduates reported employment world-wide, comprising 130 full-time and six short-term jobs; 112 in the US and 24 offshore, of the latter, 21 in China. Three graduates accepted full-time jobs in Hong Kong (2) and Singapore. Compensation was reported for 121 of 130 (93%) full-time jobs in the US and China. In the US, 38 graduates across all job types reported successfully negotiating compensation beyond initial offer (37%).

⁶ Percent of graduates with Permanent US Work Authorization reporting \$US Salary = 41/43|95%; percent of grads with Temporary US Work Authorization reporting \$US salary = 62/65|95%. Percent of all US full-time employed graduates reporting \$US salary = 103|95%; five full-time employed graduates in the US did not report salary, of 108 US-based full-time jobs. Excludes paid US contract roles and internships (4). Outside the US, 24 graduates reported 22 full-time and 2 part-time roles, 21|88% in China (19 full-time, 2 part-time).

⁷ Graduates with Permanent US Work Authorization reported = 14/41|34%; graduates with Temporary US Work Authorization reported = 24/62|39%. All graduates in the US reporting starting/signing bonus = 38|37% of 103 grads reporting compensation data for 108 US-based full-time jobs.

⁸ Graduates with Permanent US Work Authorization reported = 32/41|78%; graduates with Temporary US Work Authorization reported = 41/62|66%. All graduates working in the US reporting additional compensation: starting/signing bonus (38|37%), relocation (24|23%), guaranteed or expected performance (47|46%), stock/equity (13|13%), other (5|5%) = 73|71% of 103 grads reporting compensation data for 108 US-based full-time jobs.

⁹ Twenty-one graduates reported jobs in China, including 19 full-time and two short-term roles.

¹⁰ Percent of full-time employed graduates in China reporting ¥ salary = 15/19|79%; four full-time employed graduates in China did not report salary, for 19 total full-time jobs reported in China. Excludes paid China contract roles and internships (2).

¹¹ Graduates in China reporting additional compensation including starting/signing bonus (3|20%), relocation (2|13%), guaranteed and expected performance (9|60%), stock/equity (1|7%) and/or other (4|27%) = 13/15|87% grads reporting compensation for 19 China-based full-time jobs.



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Selected Employers and Titles by Track

Graduates are employed at 91 employers in the US and 23 offshore (§). Fourteen employers hired more than one graduate.

Finance Track

(Senior) Business/Financial Analyst, Actuary, Cyber Security Data Consultant, Data Scientist, Data Analyst, ERM Analyst, FP&A Analyst, Investment Banking Analyst, Market Risk Analyst, (Strategic) Risk Analyst, Sales Trader, (Senior) Product Analyst, Supply Chain Analyst, Treasury Strategy Analyst

<i>Advancy</i>	<i>Alibaba Group §</i>	<i>Amazon</i>	<i>American Express*</i>	<i>Bank of China (US)</i>	<i>Bloomberg §</i>
<i>ByteDance §</i>	<i>Callisto Media</i>	<i>China Vanke §</i>	<i>CICC §</i>	<i>Citibank</i>	<i>CITIC Securities §</i>
<i>Credit Suisse</i>	<i>Deloitte</i>	<i>EY Advisory §</i>	<i>Goldman Sachs</i>	<i>Heineken</i>	<i>Houlihan Lokey</i>
<i>IHS Markit</i>	<i>Morgan Stanley</i>	<i>Natixis</i>	<i>Nestle USA</i>	<i>NetEase §</i>	<i>Proctor & Gamble §</i>
<i>Publicis Sapient</i>	<i>Q Investments</i>	<i>Remitly</i>	<i>Saatva</i>	<i>Stephens, Inc.*</i>	<i>Sunshine Life §</i>
<i>Tencent §</i>	<i>TikTok</i>	<i>Tongyi Investments §</i>	<i>Truist</i>	<i>Verisk Analytics</i>	<i>Western Alliance</i>

Forensics Track

Analyst, Data Scientist, Audit Associate, Business Marketing Analyst, Compensation Data Analyst, Consultant, DCM and Liability Management Associate, IT Auditor, Operations Analyst, Quantitative Analyst, Revenue Analyst, Senior Business Analyst, Supply Chain Analyst, Treasury Data Analyst

<i>Alibaba Group §</i>	<i>Brookfield Asset Mgt</i>	<i>Capital One</i>	<i>CAS Capital §</i>	<i>Cisco</i>	<i>Credit Agricole</i>
<i>Deloitte</i>	<i>DISH Network</i>	<i>Duke Energy</i>	<i>Fidelity Investments</i>	<i>Fissco Supply</i>	<i>FleetCor</i>
<i>KPMG</i>	<i>Reli</i>	<i>Remitly</i>	<i>Robert Half</i>	<i>Simmons Bank</i>	<i>Trip.com §</i>

Marketing Track

Advisor, Analyst, Business Analyst, Business Development Analyst, Consultant Analyst, Customer Success Manager, Data Analyst, Data Scientist, Digital Marketing Consultant, Financial Analyst, Market Risk Associate, Marketing Analyst, Online Sales Manager, Perception Research Analyst, Product Analyst, Program Manager, Sales Analyst, Sales Operations Analyst, Senior Media Analyst, Situational Analytics Associate, System Engineer

<i>Accenture*</i>	<i>Align Technology</i>	<i>Amazon</i>	<i>Analytic Partners*</i>	<i>BigCommerce</i>	<i>BlueStem Brands</i>
<i>ChannelAdvisor*</i>	<i>China Telecom (US)</i>	<i>Coca-Cola</i>	<i>Concord Hospitality</i>	<i>Credit Suisse</i>	<i>Dell</i>
<i>Fractal Analytics</i>	<i>Google</i>	<i>IHS Markit</i>	<i>Infosys</i>	<i>IQVIA §</i>	<i>Novartis</i>
<i>Numerator</i>	<i>Perfect Day, Inc.</i>	<i>ProSapient</i>	<i>Puraloc</i>	<i>The Home Depot</i>	<i>Top Solutions</i>

Strategy Track

Associate Product Manager, Business Data Analyst, Business Intelligence Analyst, Data Analyst, Data Research Analyst, Data Scientist, Evaluation Analyst, Financial Data Analyst, Growth Marketing Analyst, Consultant, Investment Development, Optimization Analyst, Senior Decision Analyst, Senior Engineering Analyst, Senior Financial Analyst, Supplier Development Engineer, Tableau Data Visualization Engineer, Technical Analyst

<i>ACLU*</i>	<i>Brooks Bell*</i>	<i>Cepheid/Dannaher</i>	<i>Cigna*</i>	<i>Cognizant*</i>	<i>Country Gardens §</i>
<i>Dentsu International</i>	<i>DHL Express</i>	<i>Duke Endowment Foundation*</i>	<i>Dynamic Ideas</i>	<i>Employers Health</i>	<i>Enterprise Singapore §</i>
<i>EY-Parthenon</i>	<i>Forshaw</i>	<i>Hudson River Trading</i>	<i>IBM</i>	<i>Inmar</i>	<i>IQVIA</i>
<i>Ovative Group</i>	<i>Ping An Group §</i>	<i>Point72</i>	<i>Sage §</i>	<i>Target Corporation</i>	<i>The Home Depot</i>
<i>Thumbtack</i>	<i>TikTok</i>	<i>Truist</i>	<i>Twilio</i>	<i>US Air Force</i>	<i>ViacomCBS*</i>
<i>Volvo Group NA</i>	<i>Wayfair</i>				

*Permanent US work authorization was required for this role.

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Employers Hiring Multiple Graduates

These employers each hired the following number of graduates from the MQM Class of 2021.

Employers – US			Employers – China
<i>Align Technology (2)</i>	<i>Amazon (2)</i>	<i>Cognizant Tech Solutions (2)</i>	<i>Alibaba Group (2)</i>
<i>Credit Suisse (3)</i>	<i>Deloitte (4)</i>	<i>EY (3)</i>	<i>CICC (2)</i>
<i>Goldman Sachs (2)</i>	<i>IHS Markit (4)</i>	<i>Novartis (2)</i>	
<i>Remitly (2)</i>	<i>TikTok (2)</i>	<i>Truist (3)</i>	

Bloomberg and IQVIA hired one graduate each in the US and China.

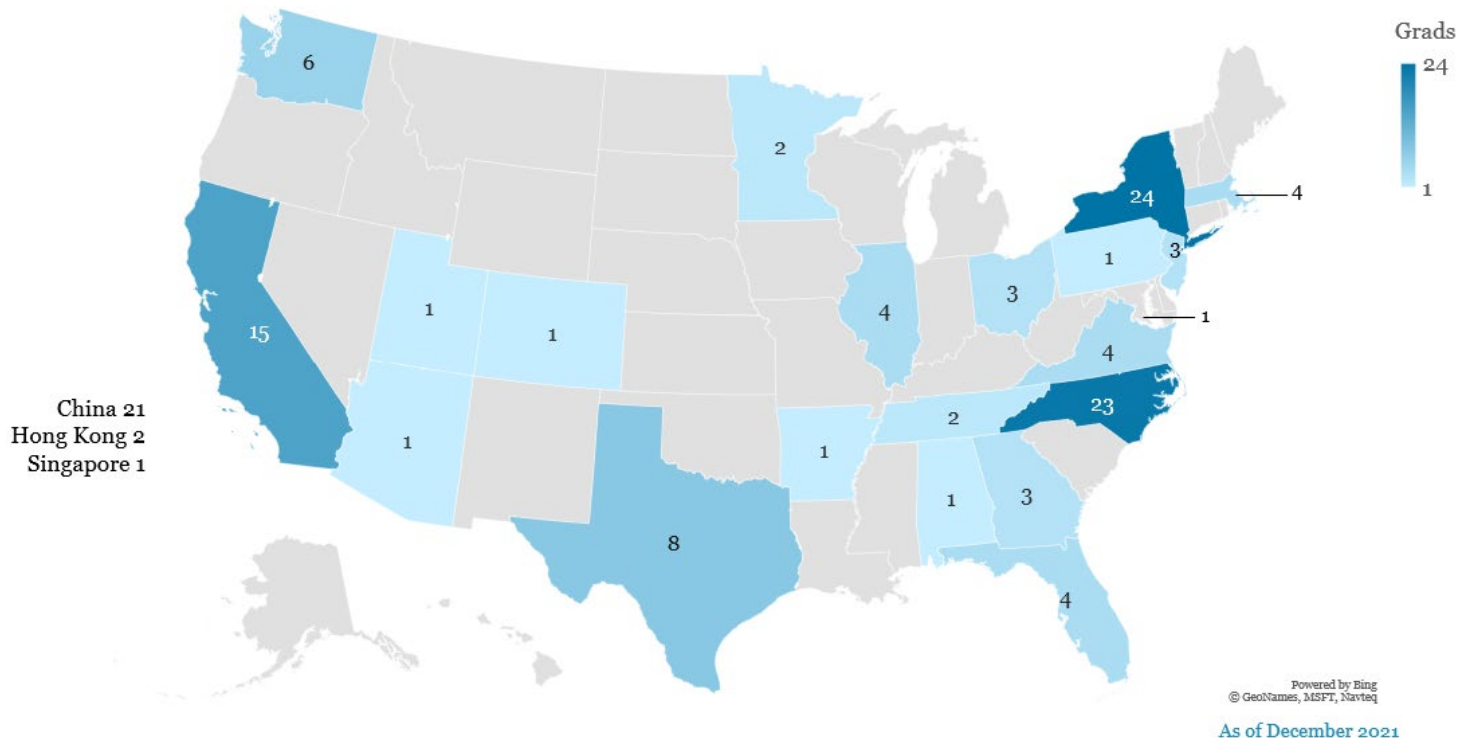
MQM Employment by Geography

US (n=112)

Northeast (31|28%) – Mid-Atlantic (6|5%) – South (35|31%) – Midwest (9|8%) – Southwest (9|8%) – West (22|20%)

Offshore (n=24)

China (21|88%) – Hong Kong (2|8%) – Singapore (1|4%)





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Selected Employment Sectors by Track

FINANCE TRACK	FORENSICS TRACK	MARKETING TRACK	STRATEGY TRACK
Consulting: Analytics, M&A, Media/Digital, Risk, Technology	Accounting Services: Audit, Audit Advisory, Audit Analytics	Consulting: Analytics, Marketing, Media/Digital, Technology	Automotive
Consumer Packaged Goods	Consulting: Advisory, Analytics, Technology	Consumer Packaged Goods	Consulting: Analytics, Marketing, Technology
Finance/Financial Services: Asset Management, Commercial Banking, Diversified, FinTech, Insurance	Energy	Finance/Financial Services: Commercial Bank, Diversified, Real Estate	Finance/Financial Services: Diversified, Insurance, Investments, Trading
Investment Management / Investment Banking	Finance/Financial Services: Asset Management, Commercial Banking, Diversified, FinTech,	Food Tech	Health: Devices, Pharma, Health Insurance
Media / Multimedia	Social Impact	Health: Consumer, Pharma	Retail
Retail	Technology: Ecommerce, Equipment/Hardware, Networking, Software, Telecom	Retail	Social Impact
Technology: Ecommerce, Equipment/Hardware, Networking, Internet, Social Media, Software	Wholesale Distribution/Logistics	Tech: Ecommerce, Equipment/Hardware, Logistics, Software, Telecom	Tech: Internet, Logistics, Media, Social Media, Software

Selected Employment Functions by Track

FINANCE TRACK	FORENSICS TRACK	MARKETING TRACK	STRATEGY TRACK
Consulting: Analytics, Data Science, Marketing, Risk, IT/Systems	Accounting/Audit: Internal Audit	Consulting: Analytics, Marketing, IT/Systems	Consulting: Analytics, Marketing, IT/Systems
Enterprise Analytics: Finance, Fraud/Risk/Cyber, Strategy	Consulting: Analytics	Enterprise Analytics: Data Science	Enterprise Analytics: Finance, Marketing, Operations, Revenue
Finance/Accounting: Analytics, Capital Management, Financial Analysis, Reporting, Research	Enterprise Analytics: Revenue, Data Science	Finance/Accounting: General, Research, Risk	Finance/Accounting: Investments, Middle Office, Payments
General Management: Data Science, Enterprise Analytics, Internal Consulting, Strategy	Finance/Accounting: General, Treasury	General Management: Analytics, Data Science, Internal Consulting	General Management: Internal Strategy
Information Technology: Data Science or Business Intelligence	Human Capital: Compensation	Information Technology: Data Science or Business Intelligence	Marketing/Sales: Business Analytics, Business Intelligence, Growth Marketing
Marketing/Sales: Business Intelligence, Growth Marketing	Information Technology: IT Audit	Marketing/Sales: Customer Success, Business Intelligence, Marketing, Sales Analysis	Product Management
Operations: Supply Chain	Operations: Supply Chain	Operations: Analysis	Operations: Supplier Development

Contact Information

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