



2023 | Tepper School of Business Master of Science Programs  
Employment Report Summary





It's my pleasure to share our inaugural Master of Science Summary Employment Report for the **Tepper School of Business at Carnegie Mellon University**. This document includes information on our **Master of Science in Product Management (MSPM)**, **Master of Science in Business Analytics (MSBA)**, and introduces our new **Master of Science in Management (MSM)**.

Our legacy MBA programs have firmly established the Tepper School's well-known strengths in connecting the latest technology with human intelligence — analytical, creative, and emotional. In addition, our Master of Science (MS) programs further expand our reach, enabling a lasting impact on the evolving talent needs of our recruiting partners.

While our students strive to achieve their academic and professional goals, they continue to appreciate the Master Career Center's (MCC) personalized coaching in support of their career development and recruiting. Hybrid recruiting has become the norm, and we are proficient in

offering a slate of world-class recruiting services and events, whether on-campus in our outstanding Tepper Quad or virtually. Our goal is to ensure a seamless recruiting experience for both our employers and students.

The MCC Team is eager to discuss how we can help your organization plan and execute a successful recruiting strategy at the Tepper School.

In this publication, recruiters, alumni, prospective students, and other friends and partners of the Tepper School will find information on the recent employment outcomes of our

MS students and how they are leading The Intelligent Future<sup>SM</sup> of business. The MCC Team and I hope you will enjoy reviewing our 2023 MS Employment Report as well as our website at [tepper.cmu.edu/recruit@tepper](https://tepper.cmu.edu/recruit@tepper).

Best Regards,

**Stephen M. Rakas, Executive Director**  
Masters Career Center  
Tepper School of Business  
Carnegie Mellon University

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**THE INTELLIGENT FUTURE<sup>SM</sup>**  
 DATA INFORMED. HUMAN DRIVEN.

The Master of Science programs at the Tepper School each serve students who have unique career goals at different points in their professional careers. The curriculum and academic calendar of each program are carefully designed to give students a well-rounded education that empowers them to enter the next chapters of their professional journeys with impact.

MASTER OF SCIENCE PROGRAM COMPARISON

	Pre-Experience	Mid Experience	Executive
On-Campus	MSM		
	Full-Time MSBA	MSPM	
Online	Part-Time MSBA		

MASTER OF SCIENCE PROGRAM TIMELINES

JANUARY	MSPM Cohort Begins		
FEBRUARY		MSBA Capstones	
MARCH			
APRIL			
MAY		MSBA Graduation	MSM Graduation
JUNE	MSPM Internship		
JULY			
AUGUST		MSBA Cohort Begins	MSM Cohort Begins
SEPTEMBER	MSPM Capstones		
OCTOBER			
NOVEMBER			
DECEMBER	MSPM Graduation		



LEARN MORE ABOUT THE INTELLIGENT FUTURE<sup>SM</sup>

The Intelligent Future needs thoughtful, innovative problem solvers who thrive where data and humanity connect. Tepper students are that future.



The MSBA program offers two distinct tracks of study, a Full-Time program for recent college graduates, and a Part-Time program for experienced professionals. Each program is designed for individuals who want to deepen their analytical skills and move into sought-after business analyst positions. The programs give students analytical skills, business knowledge, and creative problem-solving expertise to transform data into better decision making.

**\*\$80,555**  
AVERAGE BASE SALARY

**\*\$89,233**  
AVERAGE BASE SALARY  
NORTH AMERICA

**\*\$98,177**  
AVERAGE BASE SALARY  
1-3 YEARS OF WORK EXPERIENCE

*\* Full-Time Class of 2023 Career Outcomes. Full reports will be available soon.*

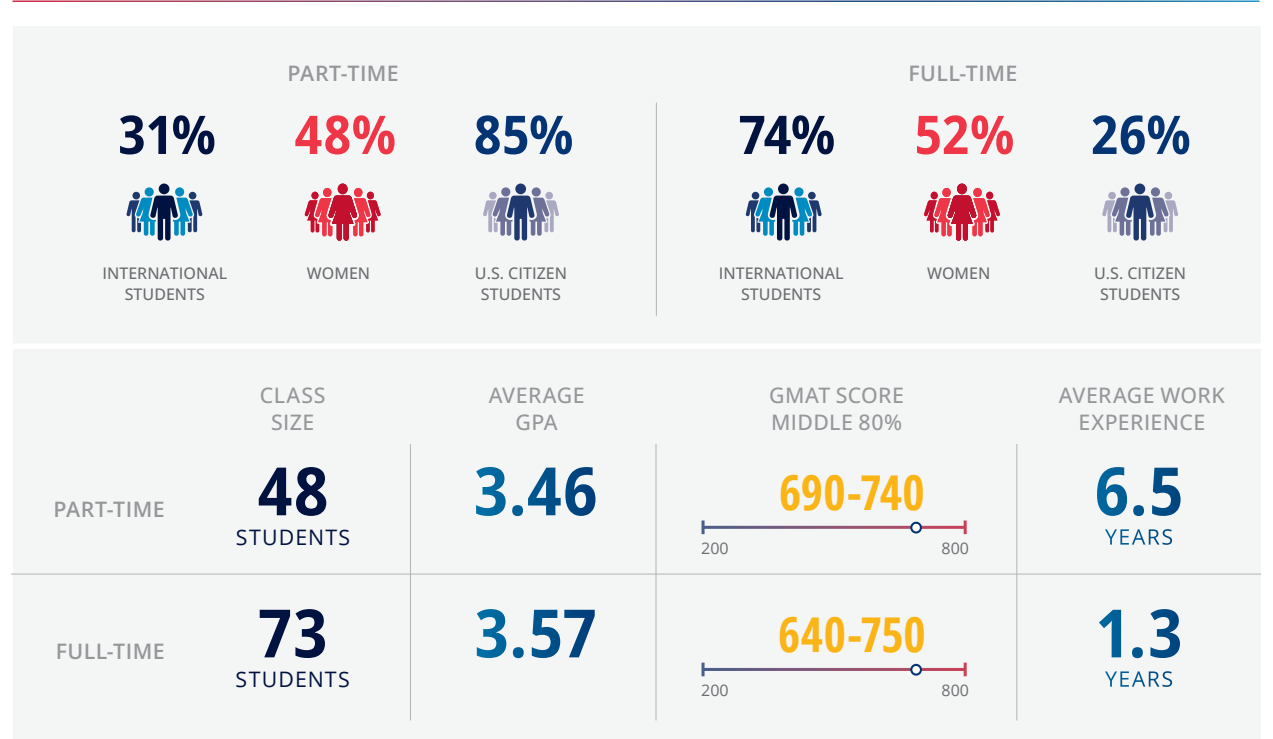
## SAMPLE JOB TITLES

- Applied AI Analyst
- Business Analyst
- Data Engineer
- Logistics Analyst
- Management Consultant
- Operations Data Analyst
- Risk Strategy Analyst
- Senior Data Analyst

## UNDERGRADUATE MAJORS MOST REPRESENTED

- Business / Commerce
- Economics
- Engineering
- Mathematics / Physical Sciences
- Arts / Humanities
- Other

## CLASS OF 2023 PROFILE



## CURRICULUM HIGHLIGHTS / TECHNICAL SKILLS

As a STEM-designated program, the curriculum of the Full-Time MS in Business Analytics program equips students with leading-edge knowledge, skills, and experiential training in:

- Methodology, including machine learning and optimization
- Software engineering, including large-scale data management and programming in R and Python
- Corporate communication, including communicating with non-technical stakeholders
- Business domain knowledge, including marketing, operations, accounting, finance, and people analytics.

## CAPSTONE INFO / HIGHLIGHTS

Capstone projects for MSBA students allow these highly trained, intensely motivated students to apply their advanced skills and expertise to a wide range of challenges and opportunities. Working with faculty supervision, teams focus on sponsor-defined projects that result in the exploration of solutions and potentially a proof-of-concept. Capstones are the culmination of the graduate or undergraduate program experience, providing a rich experiential learning opportunity for students at the Tepper School.

Examples of MSBA Capstone Projects:

- Modeled customer lifetime value
- Increased customer basket size
- Analyzed clickstream data
- Explored the use of GenAI for quarterly reporting in the investment management sector
- Investigated the use of AI and ML to learn and identify buying patterns, predict sales performance, and alert leadership of behaviors outside of a predicted value within the retail space.



# MSPM | Master of Science in Product Management



For students with professional experience, this joint degree between the School of Computer Science and the Tepper School of Business provides a deep dive into the user-centered design, technical skills, and business acumen needed to be a successful product manager.

**\*\$100k - \$180k**  
AVERAGE BASE SALARY

**\$62,057**  
MEAN BONUS

**\$30,000**  
MEDIAN BONUS

\* Only includes data for accepted jobs with a known U.S. Region. The offer acceptance was within 6 months of the student's graduation date of Dec 2022.

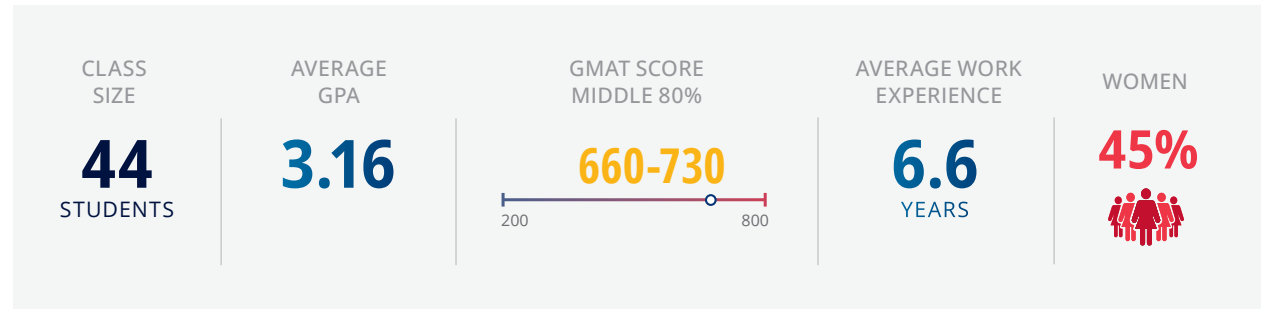
## SAMPLE JOB TITLES

- Associate Product Manager 1
- Digital Product Manager 2
- Product Designer 1
- Technical Product Manager 2
- Manager, Product Management 1
- Senior Product Manager 5
- Product Owner 1
- Product Manager 13
- Senior Technical Product Manager 10

## STUDENT PROFESSIONAL BACKGROUNDS

- Engineering
- Research and Development
- Project Management
- Analytics
- Finance
- Robotics

## CLASS OF 2024 PROFILE



## CURRICULUM HIGHLIGHTS / TECHNICAL SKILLS

The MSPM cohort is made up of people from varied backgrounds with unique skill sets. Some have technical degrees, while others come from marketing, finance, and other disciplines. Graduates emerge with the right mix of business, technology, design, and leadership skills that are sought after in product positions in industry.

## CAPSTONE INFO / HIGHLIGHTS

All MSPM students gain real-world experience through capstone projects and internships that build upon the technical and leadership skills learned in class. Students work with top companies on cutting-edge products, learn to handle diverse teams, and build industry connections that set them apart and prepare them for technology's most competitive product management roles. Graduates frequently cite their internship and capstone experience as top features of the program.

Examples of MSPM Capstone Projects:

- Customer discovery
- Market analysis
- Competitor analysis
- User experience paradigm recommendation
- Building pricing capabilities
- Service mesh strategy
- Technical research and feasibility evaluation
- Digital marketing growth evaluation



Graduates from this pre-professional program will be equipped with business fundamentals that prepare them for a data-informed and human-driven future. Through specializations in Entrepreneurship, Finance, Marketing, Operations, and Strategy, students can customize their career paths.

**\*PROJECTED CLASS PROFILE**

MSM students are high-potential, pre-experienced students with a STEM or non-business background who are seeking entry to a business career. Students in the MSM program have demonstrated leadership, academic excellence, and a desire to pivot or upskill from their undergraduate experience or early professional careers.

The inaugural class of the Tepper School MSM will begin August 2024 with graduates entering the workforce in May 2025.



\* Final class profile data will be available in August 2024.

**CURRICULUM HIGHLIGHTS / TECHNICAL SKILLS**

The curriculum reflects an analytical approach to business and exposes students to emerging technologies. Graduates from the MSM program will be equipped with the fundamental business knowledge to enter their careers with attitudes that are agile, innovative, and ready to be the intelligent leaders of tomorrow. Students will have tailored their career paths by completing a specialization in Entrepreneurship, Finance, Marketing, Operations, or Strategy.

SPECIALIZATION

**ENTREPRENEURSHIP**

The Entrepreneurship specialization is intended to equip MSM graduates for successful careers in business innovation roles, either in a corporation or a family business, or via purchasing and transforming an existing business. Students will take courses in Franchising, Entrepreneurship through Acquisition, Family Business, and Future of Real Estate.

**FINANCE**

All MSM students take a core course in Finance, but the specialization dives deeper into Finance with courses in Corporate Finance and Investment Analysis.

**MARKETING**

With a Marketing specialization, students take additional courses in Digital Marketing, Marketing Research, and Consumer Behavior. All MSM students will engage core Tepper School Marketing courses which cover the fundamentals of creating, communicating, and delivering value to customers.

**OPERATIONS**

As part of the Operations specialization, students take additional courses in Six Sigma, Operations Strategy, and Service Management. Participants will be primed for careers that support the design, delivery, and development of products and services across a variety of industries.

**STRATEGY**

The Strategy specialization equips students for successful careers in management, consulting, or internal corporate consulting groups. Students take additional courses in Trade and Investment Strategy, Managing Across Cultures, Pricing Strategy, and Corporate Restructuring.

## Masters Career Center **Contacts**



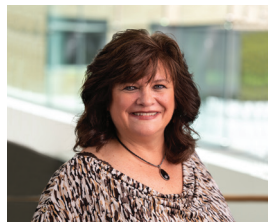
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Instant access to Tepper School  
career data is available through  
our ready-reference website.





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## 2023 TEPPER SCHOOL OF BUSINESS MASTER OF SCIENCE (MS) EMPLOYMENT REPORT SUMMARY

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## STATEMENT OF ASSURANCE

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Inquiries concerning the application of and compliance with this statement should be directed to the university ombudsman, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213, telephone 412-268-1018.

Obtain general information about Carnegie Mellon University by calling 412-268-2000.

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