Georgetown University | McDonough School of Business

# **Master of Science in Finance**

McDonough's First Technology-Intensive Degree

# Program Guide



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### A MESSAGE FROM THE SENIOR ASSOCIATE DEAN

Welcome. Thank you for choosing to learn more about Georgetown McDonough's Master of Science in Finance (MSF), the school's first technology-intensive program. My colleagues and I designed it to compete against the best in the world, online or on campus, and we succeeded because we broke every "rule" of online education. We invite you to explore the program's remarkable distinctiveness and innovative culture.

The Georgetown MSF Difference. Our cohort-based, personalized model of education allows you to co-learn from your classmates, develop extensive networking connections, and form lifelong friendships. And our technology platform ensures you will continue to receive the same superb education for which Georgetown is known, regardless of where you live or work. We also have a dedicated MSF Career Center that provides best-in-class customized career services.

Our culture of continuous innovation. Improved technology, the evolving workforce, and changing student needs set us on a journey of continuous innovation. For example, we built a revolutionary Blended Classroom, launched summer clinics to support students' career pivot objectives, increased academic and career management support options, and expanded the Global Consulting Project residency locations. Our promise to you is to always use our innovative mindset to ensure the Georgetown MSF remains recognized for its extraordinary quality and the ability of its graduates to shape the future.

We believe our program's combination of rigor, flexibility, and personalized approach to education offer an unrivaled opportunity for the fulfillment of your goals. I hope you will join us on this exciting journey.

# Allan Eberhart, Ph.D.

Senior Associate Dean for Technology-Intensive Education Director of the MSF Program and Professor of Finance

# A TRADITION of **EXCELLENCE**

Established in 1789, Georgetown is the nation's oldest Catholic and Jesuit university. Drawing upon the nearly 500-year-old legacy of Jesuit education, the university provides a world-class learning experience focused on educating the whole person. Located at the intersection of business. government, and international relations, Georgetown's McDonough School of Business provides a transformational education through innovative business curricula, experiential learning opportunities, and experiences in the global capital city of Washington, D.C., and around the world, preparing students to graduate as principled leaders committed to serving both business and society. Founded in 1957, Georgetown McDonough is home to 1,400 undergraduates and 2,400 graduate and executive education students.



# **GEORGETOWN MSF ADVANTAGE**

The Georgetown MSF is a highly regarded program with a proven track record of helping individuals begin or enhance their careers.

- Blended Learning and Technology-Intensive **Delivery.** With asynchronous lectures through our professor presentations and Anytime Media and synchronous case discussions offered in person or online, you have the flexibility in how, where, and when you learn.
- Cohort Format. We are more than just an online community. Students build lifelong connections with classmates as part of a cohort who co-learn together. Cohorts include a mix of part-time and full-time students from all over the world, enhancing your professional network.
- **Excellence in Teaching.** Learn from Georgetown's top professors who are seasoned teachers and researchers well-regarded for their knowledge and perspective.
- The Global Consulting Project. Georgetown's global perspective informs our capstone Global Consulting Course, a core component of the MSF Program that tasks students with consulting projects for organizations abroad.

- Dedicated Career Services. As the only specialized master's program in finance with a dedicated career team, our MSF Career Center stands ready to assist you in reaching your career goals.
- 21-month Timeline. You can accelerate your career quickly through our rigorous but flexible academic schedule. With a built-in summer break between year one and two, you have the opportunity to seek an internship or to participate in our MSF Summer Clinics.
- A Home on the Hilltop. MSF students are Georgetown Hoyas and have access to campus resources and networks. Join over 190,000 alumni in one of the most powerful alumni networks in existence. Even when you're not on campus, you're still a regular part of our community.
- Part-time or Full-time Options. Our flexible format means that you can choose to study either full-time or in our traditional part-time format. Regardless of your selection, you will graduate with the cohort you joined at admission.

The remarkable success of the MSF Program has shown the way for the future of education at Georgetown McDonough, as well as premier universities around the world.

Paul Almeida, Ph.D.

Dean and William R. Berkley Chair, Professor of Strategy



# A DIVERSITY of EXPERIENCES

Our student population is incredibly diverse. From the age of our students (which has ranged from 21 to 65) to geographic location (our students come from across the United States, as well as countries around the world) to depth of experience (from right out of their undergraduate education to having more than 30 years of work experience), you will find classmates who relate to your own journey.

# **Desired Outcomes**

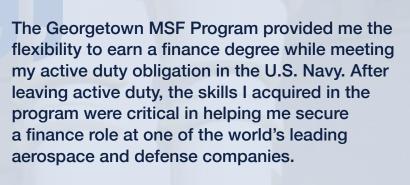
Students select the Georgetown MSF Program for many reasons. Some are looking to enter the field of finance, consulting, or business — often with no prior exposure or study of finance. Others are looking to leverage an undergraduate degree in finance, economics, mathematics, or a related field to dive deeper into the study of finance and gain a position with greater seniority. Some are looking to pivot from their current job to one that directly relates to the MSF degree. Finally, we have students who seek the degree for personal and professional development and don't plan to change jobs or careers. Whatever your reason, the Georgetown MSF allows you to achieve your goals in a format that doesn't require you to put your life on hold.

# **Supporting Veterans and Active Duty Military**

We have welcomed students from every branch of the United States military. The technology-intensive format allows those on active duty to enroll in the program from anywhere in the world while meeting their obligation to serve. For some, a transition from military service to civilian life coincides with the completion of their MSF degree, while others may transition years after graduation, or not at all. Regardless of your timeline, the Georgetown MSF Program provides specialized services for our military students and veterans whenever you're ready to engage. From specialized job search groups, to guidance on employers who have a track record of hiring veterans, to access to scholarships (including the Yellow Ribbon Program), we've got your back.

# Women in Finance

We are committed to promoting gender diversity in the finance industry. To support our efforts in this area, the MSF Program sponsors a Women in Finance Initiative led by one of our executives in residence. This program focuses on access to information, networking, and mentorship to ensure that all have equal access to the tools, resources, and opportunities to succeed in finance and beyond. Georgetown MSF students also have access to the McDonough Women in Business club led by students in our MBA program and to special university-wide programming that promotes gender equity.



# Michael Duch (MSF'19)

**Current Position:** Financial Analyst, Blue Origin **Previous Position:** Staff Officer, U.S. Navy







# REVOLUTIONARY LEARNING

# **Anytime Media**

Our technology-intensive program flips the classroom in an innovative way. Each week, students work through the course material — at a time of their choosing — using our Anytime Media on the course website. The primary component of this technology is the Professor Presentations — a sequential series of high-fidelity videos in which professors speak directly to students with a virtual whiteboard. Each Professor Presentation comes with a searchable transcript so students can find key words or phrases and, with one click, be taken to the corresponding moment in the video. Anytime Media remains available to alumni and serves as an online library of resources that can be used long after classes conclude. Depending on the course, Anytime Media also may consist of practice problems and video solutions, team discussion posts, and other material.

# **The Academic Program**

Throughout the academically rigorous 21-month program, students complete our core curriculum that provides for deep understanding of both foundational and advanced concepts. Students also are able to tailor the program to fit their interests by choosing from a range of electives. Most courses are taught in our revolutionary technology-intensive format where students participate from our blended classroom at Georgetown or from anywhere in the world. In addition to our core curriculum, students participate in on-campus residencies and one international residency before graduation.

Our Anytime Media and Professor Presentations are the cornerstone of our forward-thinking approach to teaching and learning. Our faculty strive to create material that is clear, concise, and is delivered in a manner that promotes mastery of even the most challenging content.

# Matthew Cypher, Ph.D.

Atara Kaufman Professor of Real Estate and Director of the Steers Center for Global Real Estate



# **MSFLive**

The weekly culmination of each course unit is the 90-minute MSFLive session during which students typically participate in a case discussion with their professor and classmates. Cases involve real-world business problems faced by actual firms and require students to apply what they have learned from the assigned readings and Anytime Media. The unique format of our program also allows students to immediately apply what they have learned in MSFLive to pressing challenges they may be facing in their own daily work.

### The Blended Classroom

Our blended classroom provides students with the option to attend MSFLive sessions on campus or from anywhere in the world and receive the same educational experience. Our use of today's best video and learning technology means MSFLive sessions are seamless and provide the same high level of quality you would expect from Georgetown. The blended classroom removes geographic distance as a barrier to learning and allows students and professors to interact as if they were all right next to one another.

The case study approach in the MSFLive sessions is an excellent way to move beyond theory toward professional application.

# Mikhail Bullard (MSF'19)

Foreign Service Officer, Embassy of the Bahamas, Washington, D.C.



# ONE COHORT, TWO TRACKS

Our 21-month program can be completed on a part-time or full-time basis. No matter your track, or the decisions you may need to make that alter your journey, the Georgetown MSF will surpass your academic expectations while supporting your professional pursuits.



# Luke C. Weichbrod

**Director of MSF Operations** 

# **PART-TIME CURRICULUM**

# First Year

# Fall

(8 total hours)

Financial Markets (3)

Washington, D.C., Residency (2)

Financial Accounting (3)

# **Spring**

(9 total hours)

Corporate Finance (3)

Financial Econometrics (3)

Corporate Valuation and Modeling (3)

# **Second Year**

## Fall

(7.5 total hours)

Option Pricing and Risk Management (3)

Investments and Fixed Income (3)

MSF Elective Course #1 (1.5)

# Spring

(7.5 total hours)

MSF Elective Course #2 (1.5)

Principled Financial Leadership (3)

Global Consulting Project (3)

# 32 Credits Required to Graduate

The MSF Program charges tuition on a per-credit basis, not a flat fee each semester. That means you may take the minimum number of credits or add additional electives.

# **FULL-TIME CURRICULUM**

# **First Year**

# **Spring**

Financial Markets (3)

Washington, D.C., Residency (2)

Fall

(9 total hours)

Financial Accounting (3)

MSF Career Course (1)

# (9 total hours)

Corporate Finance (3)

Financial

Econometrics (3)

Corporate Valuation and

Modeling (3)

# **Second Year**

### Fall

(9 total hours)

Option Pricing and Risk Management (3)

Investments and Fixed Income (3)

**MSF** Elective #1 (1.5)

**MSF** 

Elective #2 (1.5)

# Spring

(9 total hours)

**MSF** 

Elective #3 (1.5)

**MSF** 

Elective #4 (1.5)

Principled Financial Leadership (3)

Global Consulting Project (3)

# 36 Credits Required to Graduate

Starting the program as a full-time student doesn't mean you're locked into the full-time schedule until graduation. If your circumstances change — such as receiving a job offer during the program — you can switch to the part-time option and still graduate with your cohort.

I selected the full-time option in the fall semester so I could take advantage of the MSF Career Course. Even though I was employed full time, I wanted the structure and guidance the class provided to help keep me motivated and on track for a strategic career move. As a result of the course and the one-on-one guidance provided, I landed a new position that's more in line with my skills and aspirations.



# **Janay Watson** (MSF'20)

Financial Administrator, Georgetown University School of Medicine, Washington, D.C.

# **EXPERT FACULTY**

Georgetown McDonough faculty are academic and industry leaders with diverse perspectives and backgrounds. Many have held positions in business or government; lived, worked, or studied abroad; and have been educated at the best academic institutions around the world.

In addition to teaching and advising students, many conduct pioneering research that informs policy and practice worldwide. This research is regularly published in scholarly and trade publications and cited within the media for its significance. Their expertise also is sought by business, governments, nonprofits, and other organizations around the world.



# **EXECUTIVE PRESENCE**

Georgetown McDonough's position at the center of business, policy, and practice provides tremendous opportunities to connect with leaders and executives across a broad spectrum of industries and business functions.

## **Executives in Residence**

We believe the ability to make connections between what you learn in class and what you can expect to encounter in real-world situations is key to the overall value of your MSF degree.

For that reason, we launched the Executives in Residence program in 2016. Today, students have access to several executives in residence who focus on helping students develop key skills and competencies in the areas of consulting, investing, and fintech. Our executives in residence are available to advise students and also are responsible for leading our MSF Summer Clinics projects. They bring tremendous experience and an executive perspective to their work with the MSF Program and are a vital link between the curriculum and business world.

# **Executive Perspective**

From engaged university leaders to c-suite executives at local, national, and global firms, the MSF Program brings together individuals who embody key leadership, strategy development, and innovation skills through their work at Fortune 500 companies, entrepreneurial ventures, international development organizations, nonprofits, and others. The ability to interact with these leaders and university alumni during residencies, global experiences, or the job search process is a testament to the power of the Georgetown University brand and our engaged alumni community.

# **MSF Council of Advisors**

The MSF Council of Advisors comprises industry leaders who help to connect the MSF Program to the real world. Our council members also engage with students by providing coaching, leading discussions, and participating in program activities and special events.















# **ORIENTATION**

The on-campus orientation provides an opportunity to establish relationships with peers, faculty, and staff as you begin your academic journey. The MSF team will provide guidance and insights into all aspects of the program to ensure you are well-prepared to tackle your first course. You will be introduced to important resources, tools, and technology that you will use throughout the program, including the MSF Career Center. In addition, you will learn what makes Georgetown such a special "home away from home."

# **WASHINGTON, D.C., RESIDENCY**

In October of your first year, you and your cohort will participate in a D.C.-based residency. This residency serves as an accelerated course and includes an indepth, team-based case competition where you will apply a high-level view of finance, strategy, and other fundamental business concepts. Teams showcase their strategy and case solution skills through a presentation to subject matter experts who select the case competition winners.

In addition, you will develop your leadership and communication skills through seminars on important business topics from faculty, executives in residence, and industry experts.

The residency also is a time to deepen relationships with peers within your cohort, connect with alumni and students in other cohorts, network with faculty, and access resources and services.









# **GLOBAL CONSULTING PROJECT**

The McDonough School of Business prepares global-ready leaders through a variety of truly global experiences. In the Global Consulting Project — our signature capstone experience — student teams work together to solve a real, complex business problem facing a non-U.S. organization or Fortune 500 company with operations overseas. Students work remotely for approximately six weeks in their final semester, then travel abroad to their client's offices to present insights and recommendations to senior leadership.

# The April Global Prep Weekend

Just a few weeks before departing for international travel, all student teams meet on the Georgetown campus to work through the final client recommendations, consult with professors, and prepare for the in-person presentation. This on-campus weekend has proven critical to a successful presentation abroad.

# **Past Projects**

Our students have worked with a wide range of companies, NGOs, and nonprofits on a diverse set of projects that have the potential for significant impact locally and globally.

- Absa (formally Barclays), South Africa
- Coca-Cola, South Africa
- · Cummins, South Africa
- Hope Worldwide, South Africa
- Merchant Capital, South Africa
- Namibian Stock Exchange, Namibia

- Nedbank, Namibia
- Pangaea Securities, Zambia
- Paratus, Namibia
- Rand Merchant Bank, South Africa
- Rio Tinto, South Africa
- Standard Bank, South Africa

# **GLOBAL RESIDENCY**

# **Presenting Solutions and Recommendations**

With project solutions and recommendations in hand, students embark on an international business trip to present their findings to senior executives at our partner companies. While the pressure is high — just as it would be in any other important global business meeting — our students have a track record of exceeding the expectations of our clients. In fact, many of our clients implement the ideas shared, showcasing the importance of the work each team does and the skill with which they apply their MSF knowledge.

# **Cultural and Educational Connections**

The global residency takes you beyond the boardroom and into the community to learn about the local economy, social constructs, and historical background. In an increasingly connected global marketplace, understanding the unique norms and values that often inform workplace customs, business decisions, global strategy, and decision-making processes is critical to effectively working across countries and cultures.

This entire experience will inform your global perspective and enrich your understanding of how the shared language of finance and business can transcend physical, social, ideological, and culture-based barriers.











# Student Life























The close bonds our students develop over 21 months is unique when compared to any other online program. From our in-person residencies both on campus and abroad, to our career and social events in D.C. and across the globe, our students build friendships that last a lifetime. We are much more than an online community, and our students and alumni show that through their involvement, support of one another, and continued engagement after graduation.

# **Brooke Wertan**

Assistant Director, MSF Program

# **CAREER STRATEGY**

The Georgetown Master of Science in Finance is the only MSF program in the country with a career services office dedicated to the success of our students and alumni.



### LETTER FROM THE ASSOCIATE DEAN

The MSF Career Center is well-positioned to immediately add value to your MSF degree. As the only dedicated career management office for any specialized master's program in finance in the country, our advising team is here to help you advance your career goals both now and in the future.

Throughout your time in the program, we will work with you to develop a personalized strategy for career success. That strategy may include 1:1 coaching, networking opportunities, or participation in a wide-range of signature events. Our goal is to ensure that you graduate with a clear understanding of today's unique employment landscape. a well-developed network, and the skills and knowledge necessary to effectively leverage your MSF degree.

Whether you're seeking to launch your career, plan for a mid-career promotion, or pivot from your current industry, our career management team looks forward to working with you.

# Thomas R. Stowell, Ed.S.

Associate Dean for MSF Career Management and Strategic Initiatives

# **Career Services** and Resources

The MSF Career Center offers a wide range of programs and services to assist students in assessing their current employment situation, developing shortterm and long-term career goals, and engaging professional networks to drive career mobility and transition. Our office works exclusively with MSF students, allowing for in-depth, tailored services that meet the diverse career needs of each cohort. We assist students and alumni with:

- · Establishing an Overarching Career Management Strategy
- · Assessing and Growing a **Professional Network**
- Leveraging Internal Mobility Options
- Developing and Revising Career Marketing Materials (Resumes, Cover Letters, etc.)
- Creating a Job Search Strategy
- Salary and Total Compensation Negotiation
- Navigating Employment Issues
- · Job Postings and Career Opportunities
- The MSF Career Course
- Job Search Groups
- Industry Research and Information

# **CAREER ENGAGEMENT**

There is no substitute for experience. The MSF Program offers many special programs outside the academic curriculum for you to showcase specific skills and put the knowledge you've gained in your courses to work.

### **MSF Summer Clinics**

One of the biggest challenges for graduate students — especially those who work full time — is gaining new experiences that can help facilitate a career pivot. Our summer clinics offer an opportunity to engage in challenging, in-depth, fast-paced experiences with corporate clients. These eight-week experiences, lead by our Executives in Residence, pair peers in small teams to work on complex, real-world projects for corporate partners. The internship-like experience is an excellent opportunity to testdrive a career option, develop or expand existing skills, and gain valuable experience even if you already are working full time.

# **Internships**

The MSF Program includes a summer break between the first and second years. This break is perfect for students at the beginning of their careers or veterans transitioning out of the military who wish to pursue a full-time summer internship. Through our partnerships with other Georgetown career centers, students have access to on-campus company presentations and internship postings.

# **Investment Competitions**

Our students often are invited to compete in national and global investment competitions where teams develop or assess an investment strategy. These competitions provide an excellent venue to test out your investing skills.

# **MSF Career Course**

Designed for students at the beginning of their careers, those seeking to make a career pivot, and transitioning military, this semester-long course provides the structure and knowledge necessary to jump-start a career search and immediately leverage the MSF degree. The course is especially beneficial for anyone seeking a summer internship or who is currently in the job search.







### William Cook (MSF'19)

Analyst, Asia-Pacific Markets and Securities Service Citigroup, Hong Kong

"The Georgetown MSF has been an incredible investment. The combination of world-class instructors and a career services office that will guide you every step of the way provides an experience that is second to none. I can now confidently begin my career in sales and trading knowing I have the tools and insight to contribute from day one."

### **Kevin Moe (MSF'17)**

Director and Senior Lender for South Dakota Markets First National Bank of Omaha. Yankton, SD

"I am incredibly thankful for my experience at Georgetown. The MSF Program not only enhances a person's acumen towards the world of finance through its rigorous curriculum, it also builds foundational leadership in finance by shifting and enhancing critical thinking processes in real-world applications."

### **Christine Young (MSF'19)**

Securities and Lending Investment Strategy Associate Blackrock, San Francisco, CA

"The MSF Program has taught me the financial fundamentals that I need in order to better understand problems and solutions for our clients. In addition to learning the math behind finance, this program also has taught me an invaluable lesson on how to work with individuals who come from different industries and backgrounds to solve a problem."



### **Douglas Jerome Martin (MSF'15)** Vice President, Data and Analytics JP Morgan Chase, New York, NY

"The MSF Program provided a strong foundation in financial concepts and, as it pertains to my work, a quantitative approach to problemsolvina."

# Casey Minnick (MSF'16)

COO Foreign Exchange, Rates & Credit

UBS Investment Bank, New York, NY

"The Georgetown McDonough MSF Program gave me a better understanding of the mechanics and hard skills necessary to excel in the financial services industry."

# Thomas McKean (MSF'17)

Assistant Vice President, Research Barclays, New York, NY

"The hands-on experience I gained in the capstone project, the investment competition, and the MSF summer clinics all helped me apply the knowledge I learned in the classroom to the real world, build lasting relationships with my classmates, and were great talking points during interviews. Just before graduation, I was able to leverage the degree to secure my current position."

### Michael Roscoe (MSF'20)

Senior Analyst, Advanced Analytics Liberty Mutual, Boston, MA

"The Georgetown MSF has provided me with the ultimate convenience of receiving a top business school education while still being able to maintain my full-time position. I love how, despite our physical distance, we remain a tight-knit community where students and professors are constantly in contact, developing relationships and furthering our education together as a team."

### Khai Nguyen (MSF'18)

Vice President, Corporate Strategy Verizon, Washington, DC, and New York, NY

"One of the tremendous benefits of the program, from my perspective as a senior executive, was the ability to apply what was being taught in class immediately to what I was doing at work."

# **Tracey Goodwin (MSF'18)**

Global Social Investment Advisor Chevron, San Francisco, CA

"The MSF Program provided a fundamental understanding of key financial topics and their application to real-world situations. What I learned in the MSF Program enabled me to pursue an internal pivot within my company to a role that is more in line with the degree and my career interests."



### Melanie Josslyn (MSF'18) Assistant Bank Examiner Federal Reserve Bank, Minneapolis, MN

"The MSF Program enhanced my financial skill set and prepared me to take on new leadership roles in my career. The relationships I built with my classmates and the experience I had during the global consulting project were extremely valuable to my career."

### Sarika Patel (MSF'19) Senior Investment Analyst AIG, Houston, TX

"The MSF coursework has given me a dynamic skill set built on real-world finance practices while fostering growth in leadership. I am proud to be a part of this global program with world-class faculty, students, and technology."

### Marco Gobbo (MSF'19) Senior Consultant Deloitte, Washington, DC

"The MSF curriculum and cohort structure has helped broaden my knowledge of the financial world both professionally and personally. From learning how financial markets work to effective ways to value a company, I have been able to immediately put into practice what I've learned."

# JOIN the HOYA COMMUNITY

As an MSF student, you are a Georgetown Hoya. You join more than 190,000 university alumni from around the world who are connected to Georgetown — both the place and the ideal. Leverage this network to advance your career, build strong relationships for collaboration, or to simply compare notes about your experiences. Wherever you go and for the rest of your life, you'll always have a home at Georgetown.









# GEORGETOWN UNIVERSITY

McDonough
SCHOOL of BUSINESS
MASTER OF SCIENCE
IN FINANCE











We believe our program's combination of rigor, flexibility, and personalized approach to education offer an unrivaled opportunity for the fulfillment of your goals. I hope you will join us on this exciting journey.

# Allan Eberhart, Ph.D.

Senior Associate Dean for Technology-Intensive Education Director of the MSF Program & Professor of Finance

### MASTER OF SCIENCE IN FINANCE

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