

THE 4+1 PROGRAM

at GW School of Business

MASTER OF SCIENCE IN FINANCE (MSF)

Effective for students admitted & committed to the 4+1 Program Fall 2019 & after

4+1 Courses	Prerequisites
FINA 6271 <i>Financial Modeling and Econometrics (4 credits) - FALL ONLY</i>	ECON 1011 <u><i>Principles of Econ I – Microeconomics</i></u>
FINA 6274 <i>Corporate Financial Management and Modeling (4 credits) - FALL ONLY</i>	ECON 1012 <u><i>Principles of Econ II – Macroeconomics</i></u>
FINA 6275 <i>Investment Analysis and Global Portfolio Mgmt. (4 credits) - SPRING ONLY</i>	MATH 1231 <u><i>Single-Variable Calculus I</i></u>
	MATH 1232 <u><i>Single-Variable Calculus II</i></u>
	STAT <u><i>Intro Statistics (Select one)</i></u>
	1051/1053/1111
	BADM 3501 <u><i>Financial Management and Market</i></u>
	ACCY 2001 <u><i>Intro to Financial Accounting</i></u>

Program Overview & Admissions

- **MSF Program Prerequisites:** Advanced Mathematics (6 credits, 3 of which must be calculus), Microeconomics (3 credits), Macroeconomics (3 credits) Financial Accounting (3 credits), Managerial Finance (3 credits), Statistics (3 credits)
- Students who are admitted to the BSF program and have completed 75 credit hours with a cumulative GPA of 3.25 or better may apply for admission to the BSF/MSF 4+1 Program. In evaluating applications to this degree, special attention will be given to grades in Accounting and Finance courses.
- Upon acceptance, students are eligible to register in MSF graduate courses. **A max of 12 credit hours** of graduate level courses may count towards the BSF degree. The BSF degree is awarded after the successful completion of the undergraduate requirements. The MSF degree is awarded separately upon the successful completion of the graduate requirements.

Graduate courses may potentially be used toward the following undergraduate requirements: BSF students could apply the graduate courses listed above towards the “Additional Finance Courses” requirement. BBA/BACcy students could apply the graduate courses listed towards their Elective Requirements. *Students must meet with a GWSB advisor in the Undergraduate Advising Center to determine how to best utilize the graduate courses in the undergraduate degree.*

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Degree Overview

The Master of Science in Finance (MSF) 4+1 is designed to provide students with more depth and breadth in the Finance domain. The MS in Finance Program produces leaders in the field of finance. The program focuses on risk management, financial engineering, banking, corporate finance, and portfolio analysis and management. It has been designed to combine quantitative and computer skills with financial theory and applications. The MSF program qualifies as a STEM program.

Career Options with the BSF

MSF graduates find employment at the most prestigious financial institutions including Goldman Sachs, Morgan Stanley, Merrill Lynch and Wells Fargo, among others. Moreover, GWSB's unique location in Washington, D.C. offers MSF graduates the opportunity to be employed at prominent and attractive international financial organizations such as the World Bank, the International Monetary Fund, the International Financial Corporation, and the Inter-American Development Bank. Furthermore, our graduates find employment with many government agencies such as the Federal Reserve and the U.S. Department of Treasury or with private financial corporations like Freddie Mac and Fannie Mae. In order to facilitate employment for program graduates, we are actively engaged in collaboration with a variety of financial institutions through faculty, alumni and administration in: Posting job openings; Setting up interviews; Creating demand for MSF graduates; and much more. For more information please visit:

<https://business.gwu.edu/academics/programs/specialized-masters/ms-finance/careers-finance>

SAMPLE UNDERGRADUATE ACADEMIC PLAN / WORKSHEET FOR GWSB STUDENTS

Bachelor of Science: Major in Finance (Effective Fall 2019)

Name: _____ GWID: _____ Date: ____/____/____

This is a *sample* academic plan that outlines all degree requirements and is intended to help you plan your undergraduate classes. It does not replace DegreeMap. Please note that there is flexibility with the timing of some courses. It is your responsibility to consult with your Academic Advisor, the GWU Bulletin, and the GWSB Website on a regular basis.

JUNIOR / 3 RD YEAR - Fall 20____			
Course	Course Title	# Crs	✓
^BADM 4101	Business Law and Ethics	3	
STAT 2118/2123	Advanced Statistics (Selection based on 2 nd major)	3	
FINA 4001W	Advanced Financial Management	3	
2 nd MAJOR	Second Major Course	3	
2 nd MAJOR	Second Major Course	3	
<i>Students should apply to the MSF degree this semester. Total</i>		15	

JUNIOR / 3 RD YEAR - Spring 20____			
Course	Course Title	# Crs	✓
ACCY 3106	Financial Statement Analysis	3	
2 nd MAJOR	Second Major Course	3	
FINA MAJOR	Global Focus Course	3	
2 nd MAJOR	Second Major Course	3	
ELECTIVE	If no addt'l 2 nd major, choose elective	3	
<i>Total</i>		15	

SENIOR / 4 TH YEAR - Fall 20____			
Course	Course Title	# Crs	✓
ELECTIVE	If no addt'l 2 nd major, choose elective	3	
FINA 6271	Financial Modeling and Econometrics	4	
FINA 6274	Corporate Financial Management and Modeling	4	
2 nd MAJOR	Second Major Course	3	
<i>Total</i>		14	

SENIOR / 4 TH YEAR - Spring 20____			
Course	Course Title	# Crs	✓
FINA 6275	Investment Analysis and Global Portfolio Mgmt.	4	
2 nd MAJOR	Second Major Course	3	
2 nd MAJOR	Second Major Course	3	
ELECTIVE	If no addt'l 2 nd major, choose elective	3	
<i>Total</i>		13	

MSF Courses / 5 TH YEAR - Fall 20____			
Course	Course Title	# Crs	✓
FINA 6273	Cases in Financial Mgmt. and Investment Banking	4	
FINA 6277	Comparative Financial Mkt Regulations & Devl	4	8

MSF Courses / 5 TH YEAR - Spring 20____			
Course	Course Title	# Crs	✓
FINA 6278	Financial Theory and Research	4	
FINA 6279	Real Estate Fin. & Fixed-income Security Valuation	4	
FINA 6276	Financial Engineering and Derivative Securities	4	12

MSF Courses / 5 TH YEAR - Summer 20____			
Course	Course Title	# Crs	✓
FINA 6272	Global Financial Market	4	
FINA 6280	Financial Institution Management and Modeling	4	
FINA 6281	Cases in Financial Modeling and Engineering	4	
FINA 6282	Advanced Financial Econometrics and Modeling	4	
<i>Total</i>		16	

Additional Details and Information

- This is a suggested outline based on admission, which is not guaranteed. Only the first three semesters are approved for all three degrees in GWSB.
- *** Transfer students should enroll in BADM 1003 (Transfer Student Development Course) instead of BADM 1001 & 1002. Please contact your GWSB Undergraduate Advisor to enroll into this course.
- Minimum number of credits required for BS Degree is 120 credits. Students second majoring in SEAS will have to complete more.
- UW 1020 (*University Writing*) and two (2) courses designated as WID (*Writing in the Disciplines*) courses are required.
- Signature courses are marked with a red carat (^). These courses must be taken at GWU.
- A second major outside of the Business School is required and may include more or less courses than outlined. Please work with your advisors for planning.
- Electives may include courses in/out of the Business School, may be used to pursue a minor, to study abroad, explore different disciplines, but may not include LSPA (Lifestyle, Sport, and Physical Activity) courses.
- Certain courses on this academic plan may be moved from one semester to another; work closely with your academic advisor if you choose to do so.
- Please reference the GWSB Advising Website for GE: Science and GE: Humanities options. (<http://business.gwu.edu/current-students/>)