

## MSF/MSBA Dual Degree Tentative Schedule

### YEAR ONE

**SUMMER YEAR ONE - REGISTER AS MSF**

MSF 6421 Computing for Finance (2 cr)  
 MSF 6031 Financial Accounting (3 cr)  
 MSF 6221 Fundamentals of Finance I (2 cr)  
~~MSF 6920 Introduction to Python (2 credits)~~

**TOTAL CREDITS: 7**

**FALL YEAR ONE - REGISTER AS MSF**

MSF 6422 Financial Econometrics I (2)  
 MSF 6322 Corporate Valuation & Modeling (2)  
 MSF 6222 Fundamentals of Finance II (2)

MSF 6423 Financial Econometrics II (2)  
 MSF 6223 Fundamentals of Finance III (2)  
 MSF 6321 Quantitative Portfolio Analysis (2 cr)  
 FINA 6121 Fixed Income Analysis (2 cr)

**TOTAL CREDITS: 14**

**SPRING YEAR ONE - REGISTER AS MSF**

MSF 6522 Derivatives and Risk Management I (2 cr)  
 MSF 6621 Finance within the Macroeconomy (2)  
 MSF 6021 Communications for Finance (2)  
~~MSF 6424 Machine Learning (2)~~  
~~MSF 6821 Experiential Learning (4)~~  
~~MSF Electives (4)~~

Part-Time internship in Spring B (optional)

**TOTAL CREDITS: 6**

### YEAR TWO

**SUMMER YEAR TWO - REGISTER AS MSBA**

MSBA 6310 Programming for Data Science (3)  
 MSBA 6130 Introduction to Business Analytics in R (3)  
 MSBA 6230 Data Management, Databases & Data Warehousing (3)

~~MSBA 6110 Business Essentials (2) fulfilled through MSF coursework~~  
~~MSBA 6120 Intro to Stats for Data Scientists (2) fulfilled through MSF coursework~~

**TOTAL CREDITS: 9**

**FALL YEAR TWO - REGISTER AS MSBA**

MSBA 6330 Big Data Analytics (3)  
 MSBA 6410 Exploratory Data Analytics & Visualization (3)  
 MSBA 6420 Predictive Analytics (3)

MSBA 6440 Causal Inference via Econometrics & Experimentation (3)

MSBA 6140 Ethics and Data Privacy (1)  
~~MSBA 6355 Building & Managing Teams (1.5 cr)~~

**TOTAL CREDITS: 13**

**SPRING YEAR TWO - REGISTER AS MSBA**

MSBA 6430 Adv Issues in Business Analytics (3)  
 MSBA 6450 Optimization and Simulation for Decision Making (3)  
 MSBA 6510 Business Analytics Lab Project (6)  
 MSBA 6345 Consultative Problem-Solving & Agile Management for Analytics Projects (1.5)  
 MSBA Elective (2)

**TOTAL CREDITS: 13.5**

**Credit Distribution**

MSBA credits = 35.5 minimum (45 required for regular degree completion)  
 MSF credits = 27 minimum (39 required for regular degree completion)  
 Transfer credits = 21.5 credits between two programs

*Note: Since there are no 1.5 credit courses available outside of MSBA program, the minimum number of credits required for dual degree students is 63.*

MSF Drops: 12 credits - MSF 6920 (2), MSF 6821 (4), MSF 6424 (2), Electives (4)

MSBA drops: 9.5 credits - MSBA 6110 (3), MSBA 6120 (3), Elective (2), MSBA 6355 (1.5)

**MINIMUM CREDITS COMPLETED: 63**

Commencement ceremony for both programs in May.

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