

# Dual MSF/MSBA (Master of Science in Finance / Master of Science in Business Analytics)

In general, the Dual MSF/MSBA can be completed in 21 months. The student must be admitted to both the MSF program and the MSBA program. University policy on dual degrees stipulates that a maximum of 50% of the credit hours for the shorter program may be counted toward both degrees. The MSF/MSBA degree requires a total of 54 units.

### In summary:

MSF Degree requirements: 36 units of coursework MSBA Degree requirements: 33 units of coursework

However: 9 units of MSF coursework can be counted toward the MSBA and

9 units of MSBA coursework can be counted toward the MSF

Therefore, to receive the dual degree, the following are required:

Therefore, to receive the Dual MSF/MSBA degree, the following are required:

18 units of required MSBA coursework

9 units of coursework taken from the MSBA curriculum to count toward the MSF and MSBA(2)

6 units of coursework taken from the MSF curriculum to count toward the MSF and MSBA(I)

21 units of coursework taken from the MSF curriculum

#### **54 Total Units**

Coursework is comprised of (the course names are provided next on the sample Plan of study):

18 units of solely MSBA required coursework:

Summer – Online bootcamp (I unit), BNAD 555 (2 units)
Fall – MKT 552 (2 units), MKT 555A (2 units), MIS 561 (3 units), MIS 509 (3 units)
Spring – MKT 555B (2 units), MIS 587 (3 units)

9 units of required MSBA courses counting toward MSF and MSBA:

Fall – MIS 586 (3 units)
Spring – MIS 545 (3 units), BNAD 597A (3 units)

6 units of required MSF courses counting toward MSF and MSBA:

Fall – FIN 521 (3 units) Spring – FIN 525 (3 units)

21 units of solely MSF coursework:

Fall or Spring – Six FIN5xx courses (3 units each)

Note: Courses that count for MSF and MSBA are highlighted in bold purple.

# A sample Plan of study

| Summer   |  |
|--|--|
| Programming and SQL/RDB (I)  | BNAD 555 (2): Introduction to Business Analytics   |
| Fall I   | Spring I   |
| MKT 552 (2): Introduction to Statistics MKT 555A (2): Regression Model for Analytics MIS 561 (3): Data Visualization MIS 586 (3): Big Data Analytics MIS 509 (3): Business Communications FIN 521 (3): Investment Analysis | MKT 555B (2): Experimentation and Data Analysis MIS 545 (3): Datamining and Business Intelligence MIS 587 (3): Business Intelligence BNAD 597A (3): Eller Business Consulting FIN 525 (3): Empirical Finance Methods |

| Fall 2 (12 units MSF)  | Spring 2 (9 units MSF)   |
|--|--|
| FIN 513 (3): Valuation Modeling<br>FIN 516 (3): Fin'l Statemt Analysis for Inv Mmgt<br>FIN 522 (3): Derivatives<br>FIN 542 (3): Fixed Income | FIN 514 (3): International Finance<br>FIN 524 (3): Applied Risk Management<br>FIN 526 (3): Portfolio Management Theory |

## **Finance Courses**

The proposed MSF coursework is a sample. Students can elect to substitute other FIN 5xx courses in the Dual MSF/MSBA plan of study. All FIN 5xx courses are 3 units. The following list identifies the Finance courses available to meet the 36 units for completion of the MSF degree program. All courses are 3 units.

| Fall  | Spring   |
|---|--|
| FIN 512: Corporate Finance FIN 513. Valuation Modeling FIN 515: Venture Capital FIN 516: Fin'l Statemt Analysis for Inv Mmgt FIN 518: Investment Banking FIN 521: Investment Analysis* FIN 522: Derivatives FIN 523A: Applied Portfolio Management FIN 536: Entrepreneurial Finance FIN 542: Fixed Income | FIN 514: International Finance FIN 523B: Applied Portfolio Management FIN 524: Applied Risk Management FIN 525: Empirical Finance Methods* FIN 526: Portfolio Management Theory FIN 531: Financial Intermediaries FIN 532: Corporate Finance Strategy FIN 560: Real Estate Finance |

Note: Dual MSF/MSBA courses highlighted in purple.