

Major Course Completion Requirements for Finance MBA (For Master's Program)

Coursework Master's Degree Program

Please check the common graduation requirements.

▣ **Credit Requirement for Graduation:** Required to complete a total of more than 54 credits

▣ **Mandatory Major Courses:** 3 credits, 1AU

○ CC511 Probability and Statistics (3)

[Substitute: BIZ500 Management Statistical Analysis (3)]

▣ **Mandatory Major Courses:** 15 credits

○ BAF501 Corporate Finance (3)

BAF502 Financial Accounting (3)

BAF504 Investment Analysis (3)

BAF506 Computer Programming in Finance (1.5)

BAF507 Financial Databases (1.5)

BAF600 Advanced Corporate Finance (3)

※ The mandatory courses can be waived up to 9 credits with a permission of instructor and with an approval of the chair professor. Students exempted from taking mandatory courses must replace the waived credits with electives.

▣ **Elective Courses:** 33 credits

① The chair professor reviews courses taken from global study programs or dual degree programs to apply them to modules respectively and they are counted as elective credits. Maximum of 18 credits can be transferred to KAIST.

② Concentration

Students can choose one of the following concentrations (up to two) depending on their interests and select electives satisfying what the concentration require. This concentration is not mandatory. Students are required to report which concentration they wish to complete and request for a concentration certification during their last semester (early April or November).

◦ When BAF801 Special Topics in Finance are offered, the chair professor decided the modules for the courses respectively by considering their subtopics.

A) Investment Banking Concentration

: 9 credits from concentration courses

BAF602 Financial Marketing (1.5)

BAF603 Futures and Options (3)

BAF606 Finance and Law (1.5)

BAF608 Mergers and Acquisitions (3)

BAF610 Investment Banking (1.5)
BAF611 Venture Capital Investments (1.5)
BAF612 Private Equity Investments (1.5)
BAF621 International Finance (1.5)
BAF667 Advanced Financial Accounting (3)
BAF683 Case Studies in Investment Banking (1.5)
BAF801 Special Topics in Finance (1.5)
BAF810 Special topics in Investment Banking (1.5)

B) Asset Management Concentration

: 9 credits from concentration courses

BAF603 Futures and Options (3)
BAF615 Market Microstructure & Trading Strategies (1.5)
BAF616 Fixed Income Securities (1.5)
BAF622 International Financial Markets (1.5)
BAF639 Security Analysis and Trading Strategies (1.5)
BAF643 Behavioral Finance (1.5)
BAF645 Derivatives Trading Strategies (1.5)
BAF655 Fixed Income Portfolio Management (1.5)
BAF664 Financial Statement Analysis (1.5)
BAF801 Special Topics in Finance (1.5)
BAF811 Distinguished Lectures in Asset Management (1.5)

C) Digital Finance Concentration

: 9 credits from concentration courses

BAF657 Introduction to FinTech (1.5)
BAF801 Special Topics in Finance (1.5)
 [Subtopic: Advanced Computer Programming]
BAF801 Special Topics in Finance (1.5)
 [Subtopic: AI & Financial Industry]
BIZ581 Business Analytics (3)
BIZ582 Advanced Business Analytics (3)
BIZ583 Data Mining for Intelligence Marketing (3)
BIZ687 Blockchain and Enterprise Data Management (3)

D) Sustainable finance Track

This track requires minimum of 9 credits offered by Green Business & Policy Program in which 6 Credits from below list should be included. In addition, the

BGM950 sustainability projects (3) must be completed as a research credit

BAF613 Corporate Governance (1.5)
BIZ537 Green Business Theory (3)
BIZ538 Green Technologies and Green Industries (3)
BIZ637 Studies on Green Growth Strategy (3)
BIZ643 Green Firm Valuation and Social Finance (1.5)

D) Green Finance Track

This track requires minimum of 9 credits offered by Green Business & Policy Program in which 6 Credits from below list should be included. In addition, the BGM951 Green Finance projects (3) must be completed as a research credit.

BIZ537 Green Business Theory (3)

BIZ538 Green Technologies and Green Industries (3)

BIZ637 Studies on Green Growth Strategy (3)

■ **English Proficiency Requirement**

- ① Students are required to complete one BME900 level English courses. This requirement is waived for students who have obtained 8 Level of Oral Proficiency Interview (OPI).
- ② International students are required to take more than 1 course from HSS 500 level Korean language courses as an elective.

■ **Research Courses:** Min. 3 credits for Non-thesis,

BAF961 Field Application Project Research (3)











