

Course Requirements for Finance MBA (Master's Program)

Please check the common graduation requirements.

■ **Total Required Credits:** 54 Credits

■ **Common Core Course:** 3 credits

CC511 Probability and Statistics (3)

[Substitute: BIZ500 Management Statistical Analysis (3)]

■ **Major Mandatory 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:** Coursework Master's Degree Program students are required to take at least 33 credits, and Thesis Master's Degree Program students are required to take at least 27 credits.

- 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.

- 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).

※ The relevant field of concentration for BAF801 Special Topics in Finance shall be determined and specified by the responsible professor at the time of opening of the course. approval from the chair professor.

A) Concentration in Investment Banking: must complete at least 9 credits of the following 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) Concentration in Asset Management: must complete at least 9 credits of the following courses.

- BAF603 Futures and Options (3)
- BAF615 Market Microstructure & Trading Strategies (1.5)
- BAF616 Fixed Income Securities (3)
- 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 (3)
- BAF801 Special Topics in Finance (1.5)
- BAF811 Distinguished Lectures in Asset Management (1.5)

C) Concentration in Digital Finance: must complete at least 9 credits of the following courses.

- BAF657 Introduction to FinTech (1.5)
- BAF801 Special Topics in Finance [Advanced Programming] (1.5)

BAF801 Special Topics in Finance [AI & Financial Services Industry]
(1.5)

BIZ581 Business Analytics (3)

BIZ582 Advanced Business Analytics (3)

BIZ583 Data Mining and Business Applications (3)

BIZ687 Blockchain and Business Applications (3)

D) Concentration in Sustainability Finance

This track requires minimum of 9 credits from below courses offered by Impact MBA in which 6 credits from below list should be included in addition to taking BIZ950 Sustainability Projects (3) as a mandatory.

BIZ537 Introduction to Green Business (3)

BIZ538 Green Technologies and Green Industries (3)

BIZ637 Studies on Green Growth Strategy (3)

BIZ643 Green Firm Valuation and Social Finance (1.5)

BAF613 Corporate Governance (1.5)

E) Concentration in Green Finance

This track requires minimum of 9 credits from below courses offered by Impact MBA in which 1 course from below list should be included in addition to taking BIZ951 Green Finance Projects (3) as a mandatory.

BIZ537 Introduction to Green Business (3)

BIZ538 Green Technologies and Green Industries (3)

BIZ637 Studies on Green Growth Strategy (3)

■ English

Students are required to complete two BME900 level English courses. This requirement is waived for students who have obtained Level 8 (Advanced-Mid) of Oral Proficiency Interview (OPI).

■ Research Courses

- Coursework Degree: BAF961 Field Application Project Research (3)
- Thesis Degree: BAF960 Thesis for Graduate Students (9)

■ Transitional Measures

- This curriculum applies to students from the year 2023 and after.
- Students who have entered before 2022 apply to this curriculum upon

receiving approval from the chair professor.