

**Major Course Requirements for  
Dept. of Financial Engineering Program  
(For undergraduate students admitted in 2015 or before)**

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**Please check the common graduation requirements.**

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■ **Credit Requirement for Graduation:** Required to complete a total of more than 18 credits

■ **Major:** at least 18 credits

○ **Mandatory courses:** 9 credits (see the course list in curriculum section for details)

- FEP321 (Analysis & Probability for Finance): mandatory for non-mathematics major students
- MSB235 (Financial management) : mandatory for students (double) majoring in mathematics

※ If non-mathematics major students complete MAS242(Analysis II), they can choose between FEP321 and MSB235 as a mandatory course for FEP

○ **Elective courses:** 9 credits or more (see the course list in curriculum section for details)

- Maximum 2 courses (6 credits to be exact) among courses offered by the same department.
- Only one course from IE331(OR I-Optimization) and IE332(OR II-Stochastic Models)
- MSB235(Financial Management) is not an elective for Mathematics major

○ Students should take 9 credits or more from the courses offered by the departments other than their major.

※ Credit double counting

In case that FEP courses (including both of the mandatory and the elective courses) overlap with the course requirement of major / double major / other minor / humanity, up to 9 credits can be counted in both requirements. (In other words, double counting of courses is limited to 9 credits.)

■ **Substitute courses**

- MSB230 Principles of Accounting → BEP420 Principles of Accounting, BAT(ITB)130 Principle of Accounting, MGT342 Principles of Accounting
- MSB235 Financial Management → BEP410 Corporate Finance, BAT(ITB)235 Financial Management, MGT341 Financial Management
- MSB215 Microeconomics → BEP406 Microeconomics, MGT250 Theory of

Microeconomics

- FEP411 Structuring and Pricing of Financial Products → IE574 Portfolio management and Financial Optimization (if wanted, this substitution will be applicable for students entering KAIST in 2015 and its before may follow this)

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(For undergraduate students admitted in 2016 and after)**

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■ **Transitional Measures**

- Students admitted in 2015 or before may choose to be governed by the completion requirements listed above if desired.