

Course Requirements

□ Master's Program

1) Coursework Master's Degree

General Course	Major Course		Research	Total
	Mandatory	Elective		
3 and 1AU	12	27 or more	3 or more	45

A. Graduation Credits : at least 45 credits

B. Mandatory General Course : 3credits and 1AU

- Select one course from the following (CC500 Science Writing English, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and coast Analysis, CC522 Introduction to Instruments)
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and onward; general scholarship students, foreign students are excluded)
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course : 12 credits

- ITM501 Introduction to Innovation Management : Theory & Practice
ITM502 Entrepreneurship, ITM503 Managerial Economics,
ITM504 Financial and Managerial Accounting

D. Elective Course : at least 27credits

- Technology field : at least 9 credits
- Management field : at least 9 credits
- Integration field : at least 9 credits

E. Research Credits : at least 3 credits

- 3 credits of this research course can be earned by internship program with at least 2 months in duration.

2) Thesis Master's Degree

General Course	Major Course		Research	Total
	Mandatory	Elective		
3 and 1AU	12	21 or more	9 or more	45

A. Graduation Credits : at least 45 credits

B. Mandatory General Course : credits and 1AU

- Select one course from the following (CC500 Science Writing English, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and coast Analysis, CC522 Introduction to Instruments)
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and onward; general scholarship students, foreign students are excluded)
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course : 12 credits

- ITM501 Introduction to Innovation Management : Theory & Practice
- ITM502 Entrepreneurship, ITM503 Managerial Economics,
- ITM504 Financial and Managerial Accounting

D. Elective Course : at least 21 credits

- Research Methodology field : at least 6credits
- Technology field : at least 6credits
- Management field : at least 6credits
- Integration field : at least 3credits

E. Research Credits : at least 9 credits

- Take at least 9 credits including thesis, individual study
- 3 credits of this research course can be earned by internship program with at least 2 months in duration.

□ **Doctoral Program**

General Course	Major Course		Research	Total
	Mandatory	Elective		
3 and 1AU	12	33 or more	30 or more	78

A. Graduation Credits : at least 81 credits

B. Mandatory General Course : 3credits and 1AU

- Select one course from the following (CC500 Science Writing English, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economics and coast Analysis, CC522 Introduction to Instruments)
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and onward; general scholarship students, foreign students are excluded)
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course : 15credits

- ITM501 Introduction to Innovation Management : Theory & Practice
- ITM502 Entrepreneurship, ITM503 Managerial Economics,
- ITM504 Financial and Managerial Accounting

D. Elective Course : at least 33 credits

- Research Methodology field : at least 6credits
- Technology field : at least 6credits
- Management field : at least 6credits
- Integration field : at least 3credits
- Advanced elective field : at least 12credits

E. Research Credits : at least 30 credits

- Take at least 30 credits including thesis, individual study
- 3 credits of this research course can be earned by internship program with at least 2 months in duration.

※ The course credits earned in the Master's course work can be used towards the Doctoral degree(except research credits).