

Major Course Completion Requirements for Graduate School of Innovation and Technology Management (For Master's Program)

Thesis Master's Degree Program

Please check the common graduation requirements.

■ **Credit Requirement for Graduation:** Required to complete a total of more than 42 credits

■ **Mandatory General Courses:** At least 3 credits and 1AU

- Select one course from the following: CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials & Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure

■ **Mandatory Major Courses:** At least 6 credits

- ITM501 Innovation Management, ITM502 Entrepreneurship

■ **Elective Courses:** At least 24 credits

- General Technology Management field : At least 3 credits
- Research Methodology field : At least 3 credits
- Except for the Graduate School of Technology and Management, courses at other graduate schools are recognized for up to 6 credit

■ **Research Courses:** At least 9 credits

- 9 credits for thesis research
- 3 credits out of the research credits can be earned through internship program of at least 2 months in duration.

■ **Others (Applicable to both master's and doctoral programs)**

- Students who want to have credits earned at another college (graduate school) recognized as credits for mandatory major courses are required to take elective courses corresponding to the credits so recognized.
- Meet at least one of the following requirements(before or during enrollment): IBT TOEFL 83, PBT TOEFL 560, CBT TOEFL 220, TOEIC 720, TEPS 599, or IELTS 6.5 points

☐ **Transitional Measures**

- These requirements shall apply to students entering KAIST in 2023 or later. However, students who entered KAIST in 2022 or earlier shall meet either the previous requirements or the amended requirements.

Coursework Master's Degree Program

Please check the common graduation requirements.

■ Credit Requirement for Graduation: Required to complete a total of more than 45 credits

■ Mandatory General Courses: At least 3 credits and 1AU

- Select one course from the following: CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials & Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure

■ Mandatory Major Courses: At least 6 credits

- ITM501 Innovation Management, ITM502 Entrepreneurship

■ Elective Courses: At least 33 credits

- General Technology Management field : At least 6 credits
- Innovation & Entrepreneurship field : At least 6 credits
- Digital Transformation & Technology field : At least 6 credits
- Except for the courses of the Graduate School of Technology Management and the Faculty of Technology Management, up to 3 credits are recognized.

■ Research Courses: At least 3 credits

- 3 credits for individual research
- 3 credits out of the research credits can be earned through internship program of at least 2 months in duration.

■ Others (Applicable to both master's and doctoral programs)

- Students who want to have credits earned at another college (graduate school) recognized as credits for mandatory major courses are required to take elective courses corresponding to the credits so recognized.

- Meet at least one of the following requirements(before or during enrollment):
IBT TOEFL 83, PBT TOEFL 560, CBT TOEFL 220, TOEIC 720, TEPS 599, or IELTS 6.5 points

☐ **Transitional Measures**

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However, students who entered KAIST in 2022 or earlier shall meet either the previous requirements or the amended requirements.

Major Course Completion Requirements for Graduate School of Innovation and Technology Management (For Doctoral Program)

Please check the common graduation requirements.

■ **Credit Requirement for Graduation:** Required to complete a total of more than 69 credits

■ **Mandatory General Courses:** At least 3 credits and 1AU

- Select one course from the following: CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials & Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC531 Patent Analysis and Invention Disclosure

■ **Mandatory Major Courses:** At least 6 credits

- ITM501 Innovation Management, ITM502 Entrepreneurship
※ 본 대학원 박사자격시험(필답고사)를 입학 후 1년 6개월 이내 합격해야 함.

■ **Elective Courses:** At least 30 credits

- General Technology Management field : At least 3 credits
- Innovation & Entrepreneurship field : At least 6 credits
- Research Methodology field : At least 6 credits
- Digital Transformation & Technology field : At least 3 credits
- Except for the courses of the Graduate School of Technology Management and the Faculty of Technology Management, up to 6 credits are recognized.

※ Subjects Recognized as General Technology Management

No	Subject Name
BTM615	Game Theory with Applications
BTM630	Managerial Accounting in Business and Technology Management
BTM644	Supply Chain Innovation
BTM716	Innovation & Global Financial Markets
BTM835	Technology Innovation and Corporate Finance Research
BTM836	Marketing Science Seminar

※ Subjects Recognized as Innovation & Entrepreneurship

No	Subject Name
BTM830	Research on Performance Management
BTM838	Advanced Seminar on Theories of Innovative Organization

※ Subjects Recognized as Digital Transformation & Technology

No	Subject Name
BTM613	Complex System Network Economics
BTM736	Advanced Quantitative Analysis
BTM813	Telecommunications Economics
BTM837	Doctoral Seminar in Digital Innovation and IT Management

■ **Research Courses:** At least 30 credits

- 30 credits for thesis research
- 3 credits out of the research credits can be earned through internship program of at least 2 months in duration.

※ Graduation requirements for research thesis: Publish, or obtain approval for publication of, at least one paper in SSCI, SCI, or SCIE journal.

- Applicable only when the student is the lead author, or when the academic advisor is the lead author and the student is the second author.

■ **Others (Applicable to both master's and doctoral programs)**

- Students who want to have credits earned at another college (graduate school) recognized as credits for mandatory major courses are required to take elective courses corresponding to the credits so recognized.
- Meet at least one of the following requirements(before or during enrollment):
IBT TOEFL 83, PBT TOEFL 560, CBT TOEFL 220, TOEIC 720, TEPS 599, or IELTS 6.5 points

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