

Course Requirements

□ Master's Program

1) Thesis Master

General Course	Major Course		Research	Total
	Mandatory	Elective		
3	6	24 or more	9 or more	42

A. Graduation Credits: at least 42 credits in total

B. Mandatory General Course: 3 credits (choose one from the following table)

Classification	Subject No.	Subject Name	Lecture:Lab.:Credit (Homework)	Remark
Mandatory General Courses	CC010	Special Lecture on Leadership	1:0:0	
	CC500	Science Writing in English	3:0:3(4)	
	CC510	Introduction to Computer Application	2:3:3(10)	
	CC511	Probability and Statistics	2:3:3(6)	
	CC513	Engineering Economy and Cost Analysis	3:0:3(6)	
	CC522	Introduction to Instruments	2:3:3(8)	
	CC530	Entrepreneurship and Business Strategies	3:0:3(6)	
	CC531	Patent Analysis and Invention Disclosure	3:0:3(6)	

- Special Lecture on Leadership (CC010) is a no-credit course, and is compulsory for those who entered in 2002 or later. Students with corporate sponsorship and foreign students are exempt from this requirement.

C. Mandatory Major Courses: 6 credits

- GCT501 Introduction to Culture Technology
- GCT503 Culture Technology Project I

D. Elective Major Courses: at least 24 credits

- Take at least 24 credits mainly from major electives listed in the Curriculum List of the CT program (Should include at least 15 credits from the major electives listed in the Curriculum List of the CT program)
- Maximum of 9 credits can be earned from other departments graduate level courses with the main advisor and track advisor's consent.
- Credits earned from other graduate schools can be credited through the advisors and course committee's consent depending on similarities and relevance. (maximum 9 credits)

E. Research Courses: at least 9 credits (including 1 seminar credit)

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

2) Coursework Master

General Course	Major Course		Research	Total
	Mandatory	Elective		
3	6	33 or more	3 or more	45

A. Graduation Credits: at least 45 credits in total

B. Mandatory General Course: 3 credits (choose one from the following table)

Classification	Subject No.	Subject Name	Lecture:Lab.:Credit (Homework)	Remark
Mandatory General Courses	CC010	Special Lecture on Leadership	1:0:0	
	CC500	Science Writing in English	3:0:3(4)	
	CC510	Introduction to Computer Application	2:3:3(10)	
	CC511	Probability and Statistics	2:3:3(6)	
	CC513	Engineering Economy and Cost Analysis	3:0:3(6)	
	CC522	Introduction to Instruments	2:3:3(8)	
	CC530	Entrepreneurship and Business Strategies	3:0:3(6)	
	CC531	Patent Analysis and Invention Disclosure	3:0:3(6)	

- Special Lecture on Leadership (CC010) is a no-credit course, and is compulsory for those who entered in 2002 or later. Students with corporate sponsorship and foreign students are exempt from this requirement.

C. Mandatory Major Courses: 6 credits

- GCT501 Introduction to Culture Technology
- GCT503 Culture Technology Project I

D. Elective Major Courses: at least 33 credits

- Take at least 33 credits mainly from major electives listed in the Curriculum List of the CT program (Should include at least 18 credits from the major electives listed in the Curriculum List of the CT program)
- Maximum of 9 credits can be earned from other departments graduate level courses with the main advisor and track advisor's consent.
- Credits earned from other graduate schools can be credited through the advisors and course committee's consent depending on similarities and relevance. (maximum 9 credits)

E. Research Courses: at least 3 credits (including 1 seminar credit)

- Take at least 3 credits including individual study and seminar courses
- 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	6	33 or more	30 or more	72

A. Graduation Credits: at least 72 credits in total

- credits earned in GSCT and CT interdisciplinary Master's courses can be accumulated for the credits toward doctoral program.

B. Mandatory General Course: 3 credits (choose one from the following table)

Classification	Subject No.	Subject Name	Lecture:Lab.:Credit (Homework)	Remark
Mandatory General Courses	CC500	Science Writing in English	3:0:3(4)	
	CC510	Introduction to Computer Application	2:3:3(10)	
	CC511	Probability and Statistics	2:3:3(6)	
	CC513	Engineering Economy and Cost Analysis	3:0:3(6)	
	CC522	Introduction to Instruments	2:3:3(8)	
	CC530	Entrepreneurship and Business Strategies	3:0:3(6)	
	CC531	Patent Analysis and Invention Disclosure	3:0:3(6)	

- same as the Master's program (not mandatory if taken in the Master's program)

C. Mandatory Major Courses: 6 credits

- GCT501 Introduction to Culture Technology
- GCT602 Culture Technology Project II
(not mandatory if taken in the Master's program)

D. Elective Major Courses: at least 33 credits

- Take at least 33 credits mainly from major electives listed in the Curriculum List of the CT program (Should include at least 18 credits from the major electives listed in the Curriculum List of the CT program)
- Maximum of 12 credits can be earned from other departments graduate level courses with the main advisor and track advisor's consent.
- Credits earned from other graduate schools can be credited through the advisors and course committee's consent depending on similarities and relevance. (maximum 15 credits)

E. Research Courses: at least 30 credits (including 1 seminar credit)

- Take at least 30 credits including thesis and seminar courses

※ Miscellaneous

- The requirements are applicable to all students.