

## Course Requirements

### □ Undergraduate Program

General Course			Basic Course			Major Course			Elective Course	Research	Total
Mandatory	Elective	Subtotal	Mandatory	Elective	Subtotal	Mandatory	Elective	Subtotal			
7 (9AU)	21	28 (9AU)	23	9	32	27	27	54	-	3	130

A. Graduation Credits : at least 130 credits in total

※ A cumulative grade point average of 2.0 or higher out of a possible 4.3 in all coursework

B. General Course : At least 28 credits and 9AU(applicable to students entering KAIST in 2014 and thereafter; for those who have entered KAIST in 2013 and before, refer to the Course Completion Requirements by Year of Admission)

○ Mandatory General Course

- Students entering KAIST in 2014: 7 credits and 9AU

English Presentation & Discussion(1), Advanced English Listening(1), Advanced English Reading(1), Advanced English Writing(1), Writing(3), Physical Education(4AU), Humanity/Leadership(2AU), Ethics and Safety II(1AU), Happy College Life(1AU), Exciting College Life(1AU)

- Students entering KAIST between 2011 and 2013: 6 credits and 9AU

English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Humanity/Leadership(2AU), Ethics and Safety II(1AU), Happy College Life(1AU), Exciting College Life(1AU)

- Students entering KAIST between 2009 and 2010: 6 credits and 9AU

English Communication(1), Critical Thinking in English(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II(1AU)

- Students entering KAIST between 2007 and 2008: 7 credits and 9AU

English Communication I(1), English Communication II(1), English Reading&Writing(2), Writing(3), Physical Education(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II(1AU)

\* English Communication I → English Communication

English Communication II → English Conversation

English Reading&Writing → Critical Thinking in English

- Students entering KAIST between 1998 and 2006: 7 credits and 9AU

English I(2), English II(2) Writing(4AU), Community Service(2AU), Humanity/Leadership(2AU), Ethics and Safety II(1AU)

\* English I → English Communication

English II → Critical Thinking in English

○ Elective General Course in Humanities & Social Science : at least 21 credits

- Take (6 credits) 1 course of each of the following 2 categories among 3 categories: Humanity, Society and Literature and Arts; the rest can be chosen regardless of the category. (applicable to students entering KAIST in 2009 and thereafter; for those who have entered KAIST in 2008 and before, refer to the Course Completion Requirements by Year of Admission)

- Students entering KAIST between 2007 and 2010 should earn at least 9 credits through lectures in English among the 21 credits required as Elective General Courses in Humanities & Social Science.

- Students having a double major take 12 credits without considering categories. (Students entering

KAIST between 2007 and 2010 should take 6 credits through lectures in English.)

※ The requirement of taking lectures in English as Elective General Courses in Humanities & Social Science is not applied to students entering KAIST in 2011 and thereafter.

C. Basic Courses: at least 32 credits (applicable to students entering KAIST in 2012 and thereafter; for those who have entered KAIST in 2011 and before, refer to the Course Completion Requirements by Year of Admission)

○ Mandatory Basic Courses: 23 credits

① 1 course among Fundamental Physics I (3), General Physics I (3), and Advanced Physics I (3)

② 1 course among Fundamental Physics II (3), General Physics II (3), and Advance Physics II (3)

③ 1 course of General Physics Lab I (1)

④ 1 course of Basic Biology (3) or General Biology (3)

⑤ 1 course of Calculus I (3) or Honor Calculus I (3)

⑥ 1 course of Calculus II (3) or Honor Calculus II (3)

⑦ 1 course among Basic Chemistry (3), General Chemistry I (3), and Advanced Chemistry (3)

⑧ 1 course of General Chemistry Lab I (1) or Advanced Chemistry Lab (1)

⑨ 1 course of Basic Programming (3) or Advanced Programming (3)

- Students having entered KAIST in 2007 or before : 17 credits(①, ③~⑤, ⑦~⑨)

- Students having entered KAIST between 2008 and 2011: 20 credits((①, ③~⑤, ⑦~⑨), Freshman Design Course: Introduction to Design and Communication(3)

○ Elective Basic Courses: minimum of 9 credits including 3 credits for Idea & Expression.

- Students having entered KAIST in 2011 and before: minimum of 6 credits including 3 credits for Idea & Expression.

※ Students having a double major take at least 6 credits including Idea & Expression.

- Students having entered KAIST in 2011 and before take 3 credits or more including Idea & Expression.

D. Major Course : minimum of 54 credits

○ Mandatory Major Course: minimum of 27 credits

2-Dimensional Design, 3-Dimensional Design, Product Design Fundamentals, Product Design Factors, Product Design Program, Design Professional Practice, Product Design System, Integrated Design I, Integrated Design II

○ Elective Major Course: minimum of 27 credits

E. Elective Course : None

F. Research Course : minimum of 3 credits

○ Please make sure that you take 3 credits for graduation research

○ Seminar and Individual Study are counted as Research Courses

※ Students having a double major are exempt.

G. English Proficiency Requirements upon Graduation

○ Before entering or during studying at KAIST, students should obtain the minimum required score or higher from one of the following: TOEFL, TOEIC, TEPS and IELTS.

○ Students who have hearing impairment level 3 or above should obtain the minimum required score or higher, excluding listening.

1) Students who have submitted past scores for TOEIC (before April 2006) or TEPS (before February 28, 2007)

- Students admitted in 2008 or later

Classification	iBT TOEFL	PBT TOEFL	CBT TOEFL	TOEIC	TEPS	IELTS
General qualification score	83	560	220	775	690	6.5

Qualification score for hearing impairment level 3 or above	62	372	146	387	414	4.8
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- Students admitted in 2007 or earlier

Classification	iBT TOEFL	PBT TOEFL	CBT TOEFL	TOEIC	TEPS	IELTS
General qualification score	83	560	220	760	670	6.5
Qualification score for hearing impairment level 3 or above	62	372	146	380	402	4.8

2) Students who have submitted NEW TOEIC score taken after May 2006 or TEPS score taken after March 1, 2007

Classification	iBT TOEFL	PBT TOEFL	CBT TOEFL	TOEIC	TEPS	IELTS
General qualification score	83	560	220	720	599	6.5
Qualification score for hearing impairment level 3 or above	62	372	146	360	359	4.8

H. Graduation Requirements for Foreign Students: TOPIK (Test of Proficiency in Korean)

- Undergraduate foreign students are required to obtain level 2 or higher score in TOPIK before entering or during studying at KAIST.

※ Applies to students entering KAIST in 2013 and thereafter

I. Requirements for Double Major and Minor

- Double major : 40 credits including mandatory major courses
- Minor : minimum of 18 credits including 3-Dimensional Design, Product Design Fundamentals, Product Design Factors from the major subjects offered by Industrial Design department.

※ General and basic courses in undergraduate program are different from years of admission; therefore, students entering KAIST in 2013 and before should refer to the Course Completion Requirements by Year of Admission.

#### □ Master's Program

Mandatory General	Mandatory Major	Elective	Research (including seminar credits)	Total
3 + 1AU	6	12	12	33

A. Graduation Credits : minimum of 33 credits in total.

B. Mandatory General Course : 3 credits and 1AU

- 1 course from 'Scientific Writing,' 'Introduction to Computer Application,' 'Probability and Statistics,' 'Engineering Economy and Cost Analysis,' 'Patent Analysis and Invention Disclosure,' 'Collaborative System Design and Engineering'
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and thereafter; general scholarship students, foreign students are exempt)
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course : Research Methodology, Design Project I (total 6 credits)

D. Elective Course : minimum of 12 credits (including 6 credits from courses offered by Industrial

Design department)

\* Students can take to 6 credits offered by other departments. Before that, students must get the approval of the advisor.

\* Students without a design degree are required to take 9 or more credits from the undergraduate program in industrial design department. In this case, they are not admitted Elective Course credits. (Applied to students entered in 2008 and later)

E. Research Credits : minimum of 12 credits (Including 1 credit from Seminar)

#### □ Doctoral Program

Mandatory General	Mandatory Major	Elective	Research (including seminar credits)	Total
3 + 1AU	0	27	30	60

A. Graduation Credits : minimum of 60 credits in total

B. Mandatory General Course : 3 credits and 1AU (Those who earned them during master program are exempted)

C. Elective Course : minimum of 27 credits (minimum of 18 credits from the courses offered by Industrial Design Department including Design Research Issues)

D. Research Credits : minimum of 30 credits (including 1 credit from Seminar).

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