Course Requirements

❑ Undergraduate Courses

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

Admission Year	Credits	Required Courses
In 2014 and thereafter	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)
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) * English Communication → Intermediate English Speaking & Listening * Critical Thinking in English → Intermediate English Reading & Writing
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) * English Communication → Intermediate English Speaking & Listening * Critical Thinking in English → Intermediate English Reading & Writing
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 → Intermediate English Speaking & Listening * English Communication II → English Presentation & Discussion * English Reading & Writing → Intermediate English Reading & Writing
2006 or before	7 credits and 9AU	English I(2), English II(2), Writing(3), Physical Education(4AU) Community Service(4AU), Ethics and Safety II(1AU) * English I → Intermediate English Speaking & Listening * English II → Intermediate English Reading & Writing

  ○ 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 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. Completion of 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 : 23 credits (①~⑨)
    - Students having entered KAIST between 2008 and 2011: 26 credits((①~⑨), Freshman Design Course: Introduction to Design and Communication)(3))
- ○ Elective Basic Courses: at least 9 credits (including at least two courses: CH103 and CH104)
    ※ Students with a double major take 6 credits or above including CH103

D. Major Course : at least 42 credits
- ○ Mandatory Major Course : at least 24 credits
  Physical Chemistry I, II, Organic Chemistry I, II, Inorganic Chemistry I, Introduction to Analytical Chemistry, Chemistry Lab. I, II, III
- ○ Elective Major Courses : at least 18 credits

E. Elective Course

F. Research Course :
- ○ Please be sure to take 3 credit hours of graduation research.
- ※ Students having a double major are exempt.
- ○ Up to 2 credits of individual study can be included in the credits elective major course
- ○ Required LRP, Undergraduate Colloqium

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

  - 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 : at least 21 credits including 12 credits of mandatory major courses

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

❏ **Master's Program**
   A. Graduation Credits : at least 33 credits
   B. Mandatory General Course : 3 credits and 1AU
      - Select 1 course among the following 9 courses (3 credits)
        (CC500, CC510, CC511, CC512, CC513, CC522, CC530, CC531, CC532)
      - CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and thereafter; general scholarship students, foreign students are excluded)
      - CC020 Ethics and Safety I(1AU)
   C. Mandatory Major Course : None
   D. Elective Course : at least 18
      - Mandatory : 9 credits (500 levels from more than two subfields)
      - Elective : at least 9 credits
   E. Research Credits : at least 12 credits (including seminar credits)

❏ **Doctoral Program**
   A. Graduation Credits : at least 60 credits
   B. Mandatory General Course : 3 credits and 1AU
      - Select 1 course among the following 9 courses (3 credits)
        (CC500, CC510, CC511, CC512, CC513, CC522, CC530, CC531, CC532)
      - CC020 Ethics and Safety I(1AU)
   C. Mandatory Major Course : None
   D. Elective Course : at least 18
      - Mandatory : 9 credits(500 levels from more than two subfields)

- Elective : at least 9 credits

E. Research Credits : at least 39 credits (including seminar credits)

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

❑ **Master's and Doctoral Program**

A. Graduation Credits : at least 60 credits

B. Mandatory General Course : 3 credits and 1AU
- Select 1 course among the following 9 courses (3 credits)
(CC500, CC510, CC511, CC512, CC513, CC522, CC530, CC531, CC532)
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and thereafter; general scholarship students, foreign students are excluded)
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course : None

D. Elective Course : at least 18
- Mandatory : 9 credits (500 levels from more than two subfields)
- Elective : at least 9 credits

E. Research Credits : at least 39 credits (including seminar credits)