

## □ Course Requirements

### 1. Graduation Credits

- At least 130 credits in total

### 2. Completion of General Courses: At least 28 credits

- Required General Courses: 7 credits and 8 AU
  - Students who entered the KAIST in or before 2006  
English I, English II, Writing Course: 7 credits
  - Students who enter the KAIST in or after 2007  
English Communication I, English Communication II, English Reading & Writing,  
Writing Course : 7 credits
- ※ Credit recognition (course exemption) standards for English language courses (applicable to students who enter the KAIST in or after 2007)
  - ① The credit recognition standards for English Communication I and English Communication II are based on the sum (100%) of scores on a standardized test (TEPS/TOEFL: 50%) taken before entrance into the KAIST and the KAIST Speaking Test (50%), respectively:

Grade	Score	Credit Recognition Standards
Grade 1	91-100	Students are exempt from English Communication I and II and given a grade of A+
Grade 2	86-90	Students are exempt from English Communication I and given a grade of A+

- ② The credit recognition standards for English Reading & Writing are based on the sum (100%) of scores on a standardized test (TEPS/TOEFL: 50%) taken before the semester during which the course is to be taken and the KAIST Writing Test (50%), respectively:

Grade	Score	Credit Recognition Standards
Grade 1	91-100	Students are exempt from having to take English Reading & Writing and given a grade of A+

- AU: 8 AU (P. E. (Physical Education) Activity 4AU, Humanity/Leadership 2AU, Community Service 4AU) ※ AU is not counted for GPA but required for graduation.
- Physical Education: 4 AU should be completed. Since each course in Physical Education has 2 AU,  
2 courses should be taken
  - 2 AU among 4 AU can be replaced by sports club activities.
- Humanity/Leadership : 2AU
  - Applicable to students who enter the KAIST in or after 2007
  - Program and credit recognition per course
    - Character/Leadership I: When students complete either 7H Leadership Training or Phoenix Leadership Training, they are recognized as having completed 1AU.
    - Character/Leadership II: When students complete either Communication or Christopher Leadership Training, they are recognized as having completed 1AU.
- Community Service : Students who entered the KAIST in or before 2006 must complete 4AU; those who enter the KAIST in or after 2007 must complete 2AU.
  - Service at the flower town, serving as an executive member of student association, serving as a student representative of a department, service in the school clean-up campaign, service at a public welfare organization such as the welfare center, service at public organizations such as the national park management corporation, service at government offices such as a city hall and a town-block office.

- The proof of the community service sealed with the signature of the service organization for the off-campus service and of the head of the corresponding administrative office for the on-campus service should be submitted to the department of school affairs (school register).
- Elective Courses in Humanities & Social Sciences: at least 21 credits (at least 7 courses)  
Take (15 credits) 1 course of each of the following 5 categories: Science Technology; Literature and Art; History and Philosophy; Social Science; Foreign Language and Linguistics; the rest can be chosen regardless of the category.
- ※ Foreign Language and Linguistics: students should take at least 1 course of a second foreign language.

■ Liberal education course requirements for international students in the undergraduate program

A. English language courses (4 credits)

As for international students, those who have completed high school at an English-speaking high school are exempt from English language requisites, granted credit recognition, and given a grade of S. (applicable to students who enter the KAIST in or after 1998)

B. Exemption from Writing course (3 credits)

International students are exempt from Writing course, which is a liberal education requisite.

C. Completion of Korean language courses

International students who have been exempt from Expository Writing must complete HS108 (Basic Korean I for Foreign Students, 3 credits), which is a liberal education requisite, and HS167 (Basic Korean II for Foreign Students, 3 credits), which is a general elective (applicable to students who enter the KAIST in or after 1998).

D. Completion of AU courses (8AU)

International students must complete AU courses (Physical Education 2AU, Community Service 2AU, Humanity/Leadership 2AU), which are liberal education requisites. However, Humanity/Leadership may be substituted by Cultural Experience (applicable to students who enter the KAIST in or after 2007).

**3. Completion of Basic Courses: at least 32 credits**

- Mandatory Basic Courses: 23 credits (Take 1 course among the following categories)
  - 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)
- ※ The students who major in Industrial Design should complete 17 credits and are exempt from taking General Physics II (Basic, General, Advanced), and Calculus II (General, Advanced).
- Elective Basic Courses: at least 9 credits (Each department has different specific requirements. Please refer to the departmental requirements for course completion.)
- ※ The students who major in Industrial Design can take General Physics II (Basic, General, Advanced), and Calculus II (General, Advanced) as elective basic courses.

**4. Completion of Major Courses: at least 40 credits** (Each department has different requirements. Please refer to the departmental requirements for course completion.)

**5. Completion of Elective Courses:** Take mandatory and elective major courses from other departments. (Some departments requires students to take some specific courses. Please refer to the departmental requirements for course completion.)

**6. Completion of Research Courses: at least 3 credits** (Please refer to the departmental requirements for course completion.)

- Please be sure to take 3 credits for graduate research
- Each department grants different credit hours for individual study or the seminar course. (Please refer to the departmental requirements for course completion.)

**7 English Language Requirements for Graduation**

- One of the following requirements should be satisfied for graduation before entering school or while in school:
  - PBT TOEFL(ITP) score: at least 560
  - CBT TOEFL score: at least 220
  - iBT TOEFL score: at least 83
  - TOEIC score: at least 760
  - TEPS score: at least 670

**8. Minor and Double Major**

- Minor: at least 18 credits outside major
- Double Major: at least 40 credits (including graduation research) in major required by the relevant department
- The departmental requirements vary. Please refer to the requirements of interest for course completion.)
- In case that minor and double-major courses overlap, please take additional major courses in the relevant department(s).
- Completion of minor and double major courses is based on the requirements of the admission year or the time of application.

**9. Taking Special Courses**

- In case the course subtitles are different from each other, up to 3 courses may be taken; a make-up course can be taken only if the course subtitles are the same.
  - However, make-up courses can be taken for cultural subjects of the same category offered from the 1999 summer semester and for the major special courses opened within the same course/major from the 2004 winter semester, if it is allowed by the dean of the department.

**10. Leadership Program**

- This course has been offered from 2003 for the undergraduate students so that they grow as wholesome human beings with knowledge-creating leadership and serve as leaders in the community.
- A certificate of completion is granted after completing the course

- Details of program opened

Name of program	Recognized credit
1. Leadership Training	1 credit or 1AU
2. Communication Program	1 credit or 1AU
3. Leadership Sports Activity	Not recognized
4. Volunteer Activity Program	Leadership volunteer activity recognized
5. Cultural Experience Program	Not recognized

### 11. Advanced English Program

- This program is designed to provide scientifically oriented students with higher proficiency in English and a wider understanding of British-American culture by completing English-related courses in School of Humanities and Social Sciences. Targeting undergraduate students, this program has been offered since the Fall semester, 2004.
- Curriculum
  - \* Advanced English Conversation, Advanced English Writing, English Science Writing, English Presentation, English Through the Internet, English Reading in Current Issues, English Reading in Science, English and American Culture, English Prose, English Short Stories (Elective General).
  - \* British and American Novel, Special Lecture on English Literature, English Structure and Grammar (HSS Elective).
  - \* Other courses approved by the Advanced English Program Committee.
- Students are supposed to complete more than 15 credits in English-related courses (more than 9 credits in Elective General courses) in addition to required English courses (English I, English II). The courses taken before applying for Advanced English Program will be approved.
- A certificate will be awarded to the students who have completed this program.

### 12. Undergraduate Research Participation (URP) program courses

- To expand undergraduate students' opportunities for participation in research and to foster creative and outstanding experts through a wealth of research experience, URP program courses will be offered from spring 2007.
- Courses

Course No.	Course Name	Lecture: laboratory: credits	Semesters	Remarks
URP495	URP (A) (Undergraduate Research Participation)	0:6:3	Spring, fall	- <b>Cannot substitute for graduation research</b> (although the credits for this course are recognized as research credits, graduation requirements follow those for each department) - Eligibility · Students in the first semester of their third year or an earlier stage in the undergraduate program conducting individual research for independent study · Students conducting team research for independent study
URP490	URP (B) (Undergraduate Research Participation)	0:6:3	Spring, fall	- <b>Can substitute for graduation research</b> - Eligibility · Students in the second semester of their third year or a later stage in the undergraduate program conducting individual research for independent study

- ※ URP courses will be offered in spring and fall semesters, and the research period is 6 months (summer semester + regular semester).
- ※ Only students who submit final reports may receive S/U grades from their advisors.
- ※ Students may register for URP program courses up to a maximum of twice (maximum credits: a total of 6 credits, consisting of 3 credits each).

### 13. Measures for Change

- Please refer to the departmental course completion requirements in case of unification or separation of department, change in department, revision of curriculum, etc.

- Matters regarding curriculum are based on each student's admission year unless any exceptions are specified; in case courses have been changed or are no more opened, the substitute courses should be taken.

**\* Note**

**The confirmation of graduation requirement including the status of subject, requirement of subject, and others shall be implemented under the responsibility of the students.**