

□ Undergraduate Course Requirements

1. Graduation Credits (Article 78, Regulations of the Korea Advanced Institute of Science and Technology)

- A. At least 136 credits in total (applicable to students entering KAIST in 2016 and thereafter)
- A cumulative grade point average of 2.0 or higher out of a possible 4.3 in all coursework.
 - For students enrolled before 2016, refer to course completion requirements by year of admission
- B. Students must apply for at least one out of advanced major, minor, double major, or individually designed major. (applicable to students entering KAIST in 2016 and thereafter)

2. General Courses Requirements: At least 28 credits and 8AU (applicable to students enrolled in 2018 and thereafter. For students enrolled before 2018, refer to course completion requirements by year of admission.)

A. Mandatory General Courses

| Admission Year | Credits | Required Courses |
|------------------------|--------------------|--|
| In 2018 and thereafter | 7 credits and 8 AU | English Presentation & Discussion (1), Advanced English Listening (1), Advanced English Reading (1), Advanced English Writing (1), Writing (3), Physical Education (4AU), Humanity/Leadership(2AU), Happy College Life (1AU), Exciting College Life (1AU) |
| In 2014 and thereafter | 7 credits and 9 AU | 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 9 AU | 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 9 AU | 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 9 AU | 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 9 AU | 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 |

1) **English: 4 credits** (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)

A) The four required English classes should be taken within the first four semesters(except for summer and winter semester) after admission. For those who have not taken the required English classes within the period, students only can take classes offered in summer semester or winter one.

B) English Course Credit Recognition Criteria (Those entered KAIST in 2013 or earlier shall be subject to the course credit recognition criteria of their year of admission)

① For students entering KAIST in 2014

- According to the score of English Proficiency Test (TOEFL) or mock TOEFL administered by KAIST for incoming freshmen, students will be exempted from taking the required English classes and their test score will be transferred into credits as follows.

| Score | Class Exemption and Credit Transfer | Grade |
|---------------------------|--|-------|
| 22 or higher in Speaking | English Presentation & Discussion (1 credit) | S |
| 22 or higher in Listening | Advanced English Listening (1 credit) | S |
| 22 or higher in Writing | Advanced English Writing (1 credit) | S |
| 22 or higher in Reading | Advanced English Reading (1 credit) | S |

② For students entering KAIST in 2015 and thereafter(※ Recognition of IELTS scores is applicable to students entering KAIST Fall 2015 and thereafter.)

- According to the score of English Proficiency Test (TOEFL), mock TOEFL administered by KAIST for incoming freshmen or the score of IELTS, students will be exempted from taking the required English classes and their test score will be transferred into credits as follows.
- For those who have taken English classes for two semesters including summer and winter semester, they will be exempted from taking the required English courses and their test score will be transferred into credits in accordance with their test score as follows on condition that they submit the official score of TOEFL or that of IELTS by two weeks before the start of the course registration for the next semester.

| Score | | Class Exemption and Credit Transfer | Grade |
|---------------------------|----------------------------|--|-------|
| TOFEL | IELTS | | |
| 22 or higher in Speaking | 7.0 or higher in Speaking | English Presentation & Discussion (1 credit) | S |
| 22 or higher in Listening | 7.0 or higher in Listening | Advanced English Listening (1 credit) | S |
| 22 or higher in Writing | 6.0 or higher in Writing | Advanced English Writing (1 credit) | S |
| 22 or higher in Reading | 7.0 or higher in Reading | Advanced English Reading (1 credit) | S |

C) Criteria for Taking English Course(applicable to students entering KAIST in 2014 and thereafter)

| Level | TOEFL iBT scores | IELTS scores | Subject (credit) | Hours | Classification | Remark |
|--------|------------------|---|------------------|-------|----------------|--------|
| Exempt | 22-30 | Speaking 7.0 - 9.0 Listening 7.0 - 9.0 | - (4) | - | - | - |

| Level | TOEFL iBT scores | IELTS scores | Subject (credit) | Hours | Classification | Remark |
|--------------|-----------------------------------|---|---|-------|----------------------|--|
| | | Writing 6.0 – 9.0 Reading 7.0 – 9.0 | | | | |
| Advanced | Speaking 19–21 | Speaking 6.0 – 6.5 | English Presentation & Discussion (1) | 2 | Mandatory General | Prerequisite: Students should meet either of the following two criteria: 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of Intermediate English Speaking & Listening courses |
| | Listening 19–21 | Listening 6.5 | Advanced English Listening (1) | 2 | Mandatory General | Prerequisite: Students should meet either of the following two criteria: 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of Intermediate English Speaking & Listening courses |
| | Writing 19–21 | Writing 5.5 | Advanced English Writing (1) | 2 | Mandatory General | Prerequisite: Students should meet either of the following two criteria: 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of Intermediate English Reading & Writing courses |
| | Reading 19–21 | Reading 6.5 | Advanced English Reading (1) | 2 | Mandatory General | Prerequisite: Students should meet either of the following two criteria: 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of Intermediate English Reading & Writing course |
| Intermediate | Speaking or listening 15–18 | Speaking 5.0 – 5.5 or listening 6.0 | Intermediate English Speaking & Listening (2) | 3 | Elective | Prerequisite: Students should meet either of the following two criteria: 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of English Camp |
| | Writing or reading | Writing 5.0 or reading | Intermediate English Reading & | 3 | Elective | Prerequisite: Students should meet either of the following two criteria: |

| Level | TOEFL iBT scores | IELTS scores | Subject (credit) | Hours | Classification | Remark |
|----------|---|---|--|-------|---|--|
| | 15-18 | 6.0 | Writing (2) | | | 1. Applicable TOEFL or IELTS score required for the student's year of admission 2. Completion of English Camp |
| Remedial | Speaking and listening below 14 or Reading and writing below 14 | Speaking and listening below 4.5 and 5.5 respectively or Reading and Writing below 5.5 and 4.5 respectively | Basic English Conversation (0) | - | Academic English Camp (Pre-admission Program) | |
| | | | TOEFL (0) | | | |
| | | | Basic English Reading (0) | | | |
| | | | Basic English Writing (0) | | | |
| | | | Basic English Grammar (0) | | | |
| | | | Basic English Speaking & Listening (0) | 3 | - | Requisite for students who did not complete the Academic English Camp |
| | | | Basic English Reading & Writing (0) | 3 | - | |

※ Students may apply for a higher course after completing the course(s) for their TOEFL/IELT scores

※ For course(s) not subject to the above English course-taking criteria, students should begin with the Intermediate level courses.

D) Criteria for credit recognition of English courses (applicable to students from foreign high schools using English as primary language)

| Admission Year | Requirement |
|-----------------------|---|
| 2013 and thereafter | Students whose mother tongue is English or students who graduated from a high school where English is the primary language will be exempted from required English courses and will be graded with an 'S'. |
| Between 2011 and 2012 | Students who completed the high school curriculum where English is the primary language will be exempted from required English courses and will be graded with an 'S'. |
| Before 2010 | International students who completed the entire high school curriculum where English is the primary language will be exempted from required English courses and will be graded with an 'S'. |

2) Writing: 3 credits (not applicable to international students)

- Students will take a level test and will be divided into level A, B and C according to the students' level of writing. (Level test can only be taken only once during the undergraduate course)

| Level | Credit Recognition and Prerequisite |
|-------|--|
| A | To be exempted from Writing course and graded with an "S" |
| B | Required to take 1 of the Writing courses |
| C | Required to take 1 of the Writing courses after taking 'Fundamentals of Writing' course. |

- ※ Starting from Spring 2014, students with Level C in Writing tests should take 'Fundamentals of Writing' course (1 credit, Elective) and then another 1 Writing course.
- ※ Students who have received Level C by Fall 2013 and not taken 'Basic Writing' should take 'Fundamentals of Writing' course (1 credit, Elective) and then another Writing course.
- ※ Writing classes: Logical Writing, Critical Writing, Practical Writing, Creative Writing

3) Physical Education : 4AU should be completed. (Not counted for GPA but required for graduation.)

- Since each course in Physical Education has 2AU, 2 courses should be taken.
- 2AU among 4AU can be replaced by extra curricular sports club activities.

4) Community Service: Not applicable to students entering KAIST in 2011 and thereafter. However, leadership mileage will be awarded for proof of community service.

- Students who entered the KAIST in or before 2006 must complete 4AU; those who enter the KAIST between 2007 and 2010 must complete 2AU. (not counted for GPA but required for graduation.)
- 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 Academic Registrar's Team or the office of department or major to which the student belongs.

5) Humanity/Leadership : 2AU should be completed (Required for graduation, applicable to students entering KAIST in 2007 and thereafter)

- Program details and credits granted for each course

| Course | Program | Credit |
|-------------------------|---|--------|
| Humanity/Leadership I | Complete either 7H leadership training, phoenix leadership training, or Carnegie leadership | 1AU |
| Humanity/Leadership II | Young Leaders Thursday Lecture, or GLA(Group Leadership Activity) | 1AU |
| Humanity/Leadership III | Complete one program among photography, musical instruments, jazz dance, hip-hop, a cappella, etc | 1AU |

※ Humanity/Leadership III can be taken within two semesters of enrollment during the undergraduate course.

※ Only 1 program per course can be recognized.

6) Completion of Ethics and Safety (Must be completed for graduation)

A) Offered since spring 2009 to prevent laboratory accidents and corrupt practices in research

B) Course code and course name (applicable to students enrolled no later than 2017)

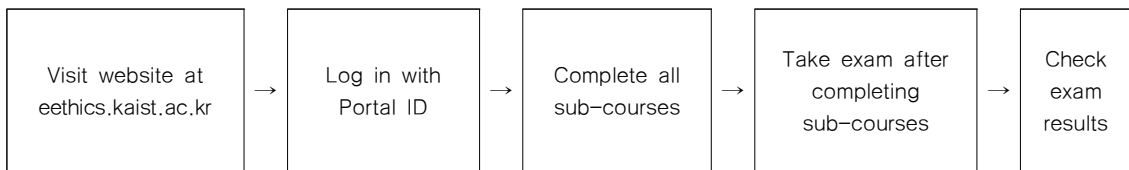
* Undergraduate: HSS070, Ethics and Safety II

* Masters/PhD: CC020, Ethics and Safety I

C) How to complete: Visit the website at <http://eethics.kaist.ac.kr>; Course registration is not required.

| Students enrolled no later than 2017 | Students enrolled in 2018 and 2019 | Students enrolled in 2020 | Students enrolled in 2021 and thereafter |
|--|--|--|---|
| 1. Course opening (In principle) Regular semester (spring, fall) (If incomplete) Students in their last semester may request the course to be offered ※ Human Rights and Gender Equality offered year-round | 1. Course opening: Year-round | 1. Course opening: Year-round | 1. Course opening: Year-round |
| 2. Courses ① Laboratory Safety ② Research Ethics ③ Human Rights and Gender Equality | 2. Courses ① Laboratory Safety ② Research Ethics ③ Human Rights and Gender Equality ④ Cyber Ethics | 2. Courses ① Laboratory Safety ② Research Ethics ③ Human Rights and Gender Equality ④ Cyber Ethics | 2. Courses ① Laboratory Safety ② Research Ethics ③ Human Rights and Gender Equality ④ Cyber Ethics |
| 3. Completion period: At least 40 days prior to date of degree conferment in desired semester of graduation ※ (Recommendation): Complete Human Rights and Gender Equality within first three semesters of enrollment | 3. Completion period (In principle) Within two semesters of enrollment (Recommended) In first semester of enrollment | 3. Completion period (In principle) Complete before the start of the mid-term period in first semester of enrollment (Recommended) Complete before the beginning day of the first semester of enrollment | 3. Completion period (In principle) Complete before the beginning day of the first semester of enrollment (Recommended) Complete before the start of the course registration period for the first semester of enrollment. |
| 4. Result: 1AU awarded during grading period | 4. Result: Considered as satisfying graduation requirements upon completion | 4. Result: Considered as satisfying graduation requirements upon completion | 4. Result: Considered as satisfying graduation requirements upon completion |

D) Examination



※ Up to ten times per sub-course during examination period (No limit for Human Rights & Gender Equality)

E) Evaluation: Students are evaluated online via website (<http://eethics.kaist.ac.kr>); Pass (grade S) will be awarded to students who receive at least 80 (out of 100) in each of the following courses: Research Ethics, Laboratory Safety, Human Rights & Gender Equality, Cyber Ethics*

※ Cyber Ethics is only applicable to students enrolled in 2018 and thereafter

F) Miscellaneous: Course to be completed only once by master's and Ph.D. students during enrollment in respective programs

7) Happy College Life and Exciting College Life: Students enrolled in 2011 and thereafter shall take **2AU** in total (not counted for GPA but required for graduation.)

- Students must take Happy College Life (1AU) in the first semester of enrollment, and Exciting College Life (1AU) in the second semester of enrollment (mandatory).

B. Elective General Courses in Humanities & Social Sciences: at least 21 credits

1) Students are required to take at least 21 credits with a minimum requirement of at least 1 course of each of the following 2 among 3 categories: Humanity, Society, and Literature and Arts (at least 6 credits in 2 categories); the rest can be chosen regardless of the category. (※ Applicable to students who entered KAIST in 2009 and thereafter; for those who have entered KAIST in 2008 and before, refer to the General Course Requirements by Admission Year)

2) Students who entered KAIST between 2007 and 2010 should take at least 9 credits through lectures offered in English among the 21 credits required by Elective General Courses in Humanities & Social Sciences.

3) Students having a double major should take at least 12 credits without requirements in categories as stated above. (Students who entered KAIST between 2007 and 2010 should take 6 credits through lectures offered in English.)

※ The requirement of taking lectures offered in English among Elective General Courses in Humanities & Social Sciences is not applicable to students who entered KAIST in 2011 or thereafter.

C. Mandatory General course requirements for International Students in the undergraduate program

1) Mandatory English Courses: Total 4 credits

| Classification | Course No. | Course Name | Credit |
|-------------------|------------|-----------------------------------|--------|
| Mandatory General | HSS022 | English Presentation & Discussion | 1 |
| | HSS023 | Advanced English Listening | 1 |
| | HSS024 | Advanced English Writing | 1 |
| | HSS025 | Advanced English Reading | 1 |

※ Refer to Criteria for Taking English Courses on the part of '2-A-1'.

A) Students whose mother tongue is English or students who graduated from a high school where English is the primary language are exempted from taking Required English Courses and will be graded with an 'S' grade (pass). (Applicable to students who entered KAIST in 2013 and thereafter)

B) International students who graduated from a high school in an English-speaking country are

exempted from taking Required English Courses and will be graded with an 'S' grade (pass). (Applicable to students who entered KAIST in 1998 and thereafter)

2) Required Korean Language Courses: Total 6 credits

A) International students admitted no later than 2018 (2013~2018)

| Classification | Course No. | Course Name | Credit |
|-------------------|------------|--------------------------------------|--------|
| Mandatory General | HSS006 | Basic Korean I for Foreign Students | 3 |
| Elective General | HSS193 | Basic Korean II for Foreign Students | 3 |

B) International students admitted in fall 2019 and thereafter

| Classification | Course No. | Course Name | Credit |
|-------------------|------------|--|--------|
| Mandatory General | HSS151 | Korean3 for undergraduate international students | 3 |
| Elective General | HSS152 | Korean4 for undergraduate international students | 3 |

- ※ International students are exempted from taking Writing courses (Mandatory General Course)
- ※ International students in the undergraduate program will be able to register for 'Korean3 for undergraduate international students', only if they join 'Korean Language Camp' in their first winter term after admission or they get a TOPIK score of level 1 or higher. (Applicable to students entering KAIST in fall 2019 and thereafter) Students who have joined 'Korean Language Camp' cannot register for 'Korean1 for undergraduate international students' and/or 'Korean2 for undergraduate international students'.
- ※ Undergraduate international students are required to obtain level 2 or higher score in TOPIK before entering or during studying at KAIST. (Applicable to students entering KAIST in 2013 and thereafter)

3) AU Courses Requirement

- A) Students who entered KAIST in 2018 and thereafter: International students must complete mandatory AU courses (Total 8AU: Physical Education 4AU, Humanity/Leadership 2AU, Happy College Life 1AU, Exciting College Life 1AU. However, Humanity/Leadership may be substituted by Cultural Experience).
- B) Students who entered KAIST in 2007~2017: International students must complete mandatory AU courses (Total 9AU: Physical Education 4AU, Humanity/Leadership 2AU, Ethics and Safety II 1AU, Happy College Life 1AU, Exciting College Life 1AU. However, Humanity/Leadership may be substituted by Cultural Experience)
- ※ Students who entered KAIST in 2007~2010: Total 9AU (Physical Education 4AU, Community Service 2AU, Humanity/Leadership 2AU, Ethics and Safety II 1AU)
 - ※ Students who entered KAIST in 2006 or before: Total 9AU (Physical Education 4AU, Community Service 4AU, Ethics and Safety II 1AU)

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

A. Mandatory Basic Courses: 23 credits

Completion of Mandatory Basic Courses

- | |
|--|
| 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) |
|--|

- 1) Students having entered KAIST in 2007 or before : 23 credits (①~⑨)
- 2) Students having entered KAIST between 2008 and 2011: 26 credits((①~⑨), Freshman Design Course: Introduction to Design and Communication)(3))
- 3) Students entering KAIST in 2020 and thereafter: One course from ③ General Physics Lab I (1) and General Physics Lab II(1)
 - * 'PH171 Experiment-Oriented General Physics I' may be recognized as both of 'General Physics I' and 'General Physics Lab I' (Students who have taken 'PH171 Experiment-Oriented General Physics I' cannot register for 'General Physics I' or 'General Physics Lab I')
 - * 'PH172 Experiment-Oriented General Physics II' may be recognized as both of 'General Physics II' and 'General Physics Lab II'(Students who have taken 'PH172 Experiment-Oriented General Physics II' cannot register for 'General Physics II' or 'General Physics Lab II')

B. Elective Basic Courses: At least 9 credits (Each department has different specific requirements. Please refer to the departmental requirements for course completion.)

- 1) Lab design courses should be treated equally with other subjects (Except where each department designates specific courses to be completed)
- 2) Students admitted in and before 2011 should take more than 6 credits
 - * Students having a double major take at least 3 or 6 credits (Please refer to the departmental requirements for course completion).
 - * Students entering KAIST through the admission for the special talented are required to take 12 credits in the mandatory basic courses and to take the remaining credits in the elective basic courses. (Applicable to students entering KAIST in 2015 and thereafter)

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 Advanced Major Courses: At least 12 credits

- * Each department has different requirements. Please refer to the departmental requirements for course completion.

6. Completion of Interdisciplinary Major Courses: At least 12 credits

- Take major courses offered by at least two different academic departments except for students' own department.

7. Minor and Double Major

A. Minor: At least 18 credits outside major (according to the Article 81 of Academic Policies and Regulations)

- The departmental requirements vary. Please refer to the requirements of interest for course completion.

B. Double Major (Application: students entering in 2016 and after. For students entering in 2015 and before, please refer to the requirements of the year of admission)

| General | | | Basic | | Major | Double Major | Research | Total |
|-------------|--|-------------|-----------|--------------------------------|---|---|----------|--------------|
| Mandatory | Elective in Humanities & Social Sciences | Sub-total | Mandatory | Elective | | | | |
| 7 +(8AU) | 12 or above (without considering divisions) | 19 or above | 23 | 3 or above or 6 or above | Refer to the requirements for each department | At least 40 Credits or higher including mandatory major courses | 0 | 136 or above |

- 1) In the case of Mandatory General Course and Mandatory Basic Course, refer to the course completion requirements by year of admission.
- 2) In the case of Elective General Courses in Humanities & Social Sciences, students admitted to KAIST between 2007 and 2010 should take at least 6 credits through lectures offered in English.
- 3) There is no recognition in overlapping courses. But, in the event that major courses and double major courses overlap (that is to say, such cases stipulated in department's course requirements, or designated as a substitute subject in the course curriculum), up to 6 credits can be applied to both courses of study. (Applicable to the students entered KAIST in 2016 and thereafter. For students entered before 2016, please refer to the requirements of the year of admission.)
- 4) Completion of minor and double major courses is based on the requirements of the admission year or the time of application.

8. Designated Interdisciplinary Major

| General | | Basic | | Major | Designated Interdisciplinary Major | Research | Total |
|-------------|--|-----------|------------|---|------------------------------------|------------|--------------|
| Mandatory | Elective in Humanities & Social Sciences | Mandatory | Elective | | | | |
| 7 +(8AU) | 18 or above | 23 | 6 or above | Refer to the requirements for each department | 24 or above | 3 or above | 136 or above |

- 1) In the case of Mandatory General Course, Mandatory Basic Course, and Research Course, refer to the course completion requirements by year of admission.
- 2) Take 24 or above credits by taking the major courses made jointly by two or above departments participating in 'Designated Interdisciplinary Major' or offered by the other departments except for students' own departments but also designated by the two or above departments.
- 3) Students should take certain subjects that 'Designated Interdisciplinary Major' arranges when completing students' major requirements.
- 4) Applicable to all enrolled students.

9. Completion of Elective Courses: Take mandatory and elective major courses from other departments.

※ Some departments requires students to take designated courses. Please refer to the departmental requirements for course completion.

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

A. Please be sure to take 3 credits for graduate research (However, students having a double major are exempt)

B. Each department grants different credit hours for individual study or the seminar course. (Please refer to the departmental requirements for course completion.)

※ Graduation Research, Internship Program and Study, Individual Study and Seminar shall be recognized as Research Courses for students who entered KAIST in 2001 and thereafter, and recognized as Major courses credits for students who entered KAIST before 2001.

※ Changes in undergraduate 'Research courses': Graduation Research, Internship Program and Study, Individual Study and Seminar, which have been regarded as Major courses or Research courses, should be considered Research Course for students who entered KAIST in 2001 and thereafter.

11. English Proficiency Requirements upon Graduation

A. 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.

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

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

1) Students admitted in 2008 and thereafter

| 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 |

2) 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 |

D. 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 ¹⁾ | NEW TEPS ²⁾ | IELTS |
|---|-----------|-----------|-----------|-------|--------------------|------------------------|-------|
| General qualification score | 83 | 560 | 220 | 720 | 599 | 326 | 6.5 |
| Qualification score for hearing impairment level 3 or above | 62 | 372 | 146 | 360 | 359 | 196 | 4.8 |

¹⁾ TEPS: Conducted during March 1, 2007 to April 7, 2018

2) New TEPS: Conducted after May 12, 2018 and thereafter

12. Graduation requirements for international students: TOPIK (Test of Proficiency in Korean)

- Undergraduate international 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

13. Multidisciplinary Capstone Design(I, II)

- A. The classes consisting of lectures and team projects in which various departments join were designed to promote multidisciplinary thinking and major application ability for students and began to be offered as of Spring 2015.

B. Recognition Chart

| Department | Recognition as Mandatory in major | Recognition as Elective in major | Recognition as Graduation Research | Remark |
|---------------------------------------|-----------------------------------|----------------------------------|------------------------------------|--|
| Physics | X | X | X | Recognized as Elective in non major field |
| Mathematical Sciences | X | X | X | Recognized as Elective in non major field |
| Chemistry | X | O | O | |
| Biological Sciences | X | X | X | Recognized as Elective in non major field |
| Bio and Brain Engineering | X | O | X | |
| Civil and Environmental Engineering | X | O | O | |
| Mechanical Engineering | O (I) | O (II) | O (II) | Multidisciplinary Capstone Design I : Recognized as Mandatory in Major (substituting for 「Capstone Design I」) Multidisciplinary Capstone Design II : Recognized as Graduation Research or Recognized as Elective in Major (substituting for 「Capstone Design II」) |
| Aerospace Engineering | X | O | O | |
| Chemical and Biomolecular Engineering | X | X | O | |
| Materials Science and Engineering | X | O | O | |

| | | | | |
|------------------------------------|---|---|---|--|
| Nuclear and Quantum Engineering | X | O | X | |
| Electrical Engineering | X | O | O | Must obtain approval from adviser for Graduation research recognition |
| Computing | X | O | X | Only one class can be recognized as elective in major on condition that the two classes(I, II) have been taken |
| Industrial and Systems Engineering | X | X | O | |
| Industrial Design | X | O | X | |
| Business and Technology Management | X | O | X | Recognized as Elective in Major II |

14. Taking Special Courses

- A. In case the course subtitles are different from each other, up to 4 courses may be recognized, and the special courses opened in Humanities and Social Sciences shall not be included (a make-up course can be taken only if the course subtitles are the same).
 - However, make-up courses can be taken for general course 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.
- B. For all enrolled students having a double major, up to five special courses (including up to four courses from one academic department) may be recognized as acquired credits.

15. Leadership Mileage

- A. This system has been offered from 2007 for the undergraduate students so that they can grow as wholesome human beings with knowledge-creating leadership and serve as leaders in the community.
- B. A fixed amount of mileage is given for leadership activities as humanity/leadership course attendance, on/off campus volunteer activities, physical training and leadership experience.
 - A certificate of silver(200 mileage or higher), gold(250 mileage or higher), platinum(300 mileage or higher), diamond(350 mileage or higher) grade is granted according to the mileage earned.

16. Undergraduate Research Participation (URP) program courses

- A. 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.

B. Courses

| Course No. | Code | Course Name | Lec: lab: credits | Semester s | Remarks |
|------------|--------|---|-------------------|--------------|---|
| URP495 | 08.495 | URP (A) (Undergraduate Research Participation) | 0:6:3 | Spring, fall | <ul style="list-style-type: none"> - Cannot substitute for graduation research (although the credits for this course are recognized as research credits, graduation requirements follow those for each department) - Eligibility <ul style="list-style-type: none"> · 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 | 08.490 | URP (B) (Undergraduate Research Participation) | 0:6:3 | Spring, fall | <ul style="list-style-type: none"> - Can substitute for graduation research - Eligibility <ul style="list-style-type: none"> · 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/winter 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).

※ Students with no graduation requirements (those in their 6th enrolled semester or more) may take URP (A) course.

17. National/International Internship Program

A. The National/International Internship program has been offered from Spring 2008 to give students chances to grow social skills by adding field ability to theoretical learning

B. Department in charge: Office of Student Life (Global Leadership Center)

C. Application: Undergraduate students who are recommended by the advisor and the internship professor (students in their leave of absence can also apply with an approval of their advisor or internship professor)

D. Grades and evaluation : S or U is given as grade. Students are evaluated for grades and graduation research substitution according to their final report and the evaluation sheet made by the company (Those in School of Freshmen (undeclared students) and sophomores are not able to substitute graduation research)

E. Credits

| Course No. | Course Name | Credits | Internship Period | Available Semester | Graduation Research Substitution |
|------------|---|---------|-------------------|--------------------|---|
| INT482 | Domestic Internship Program IV (Graduation Research) | 12 | over 16 weeks | Spring/Fall | <ul style="list-style-type: none"> -Available - Only the students in the departments running a 'Co-op program' can register for this course. (Refer to the table below) |

| Course No. | Course Name | Credits | Internship Period | Available Semester | Graduation Research Substitution |
|------------|--|---------|-------------------|--------------------|--|
| INT483 | National Internship Program I (Graduation Research) | 1 | Over 4 weeks | Summer /Winter | Available with 2 additional credits of Individual Study |
| INT484 | National Internship Program II (Graduation Research) | 2 | Over 6 weeks | Summer /Winter | Available with 1 additional credits of Individual Study |
| INT485 | National Internship Program III (Graduation Research) | 3 | Over 8 weeks | Summer /Winter | Available |
| INT486 | Project-based ICT Internship for academic credits with Graduation Research | 12 | over 16 weeks | Spring/Fall | <ul style="list-style-type: none"> - Available - 6 credits are recognized for graduation (including 3 credits for Graduation Research). |
| INT492 | Domestic Internship Program IV | 12 | over 16 weeks | Spring/Fall | <ul style="list-style-type: none"> - Not Available - Only the students in the departments running a 'Co-op program' can register for this course. (Refer to the table below) |
| INT493 | National Internship Program I | 1 | Over 4 weeks | Summer /Winter | Not Available |
| INT494 | National Internship Program II | 2 | Over 6 weeks | Summer /Winter | Not Available |
| INT495 | National Internship Program III | 3 | Over 8 weeks | Summer /Winter | Not Available |
| INT496 | Project-based ICT Internship for academic credits | 12 | Over 16 weeks | Spring/Fall | <ul style="list-style-type: none"> - Not Available - 6 credits are recognized for graduation |
| INT488 | International Internship Program I (Graduation Research) | 3 | Over 8 week | Summer /Winter | Available |
| INT489 | International Internship Program II (Graduation Research) | 12 | Over 14 weeks | Spring/Fall | <ul style="list-style-type: none"> - Available - 6 credits are recognized as credits for graduation (including 3 credits of Graduation Research). |
| INT498 | International Internship Program I | 3 | Over 8 weeks | Summer /Winter | Not Available |
| INT499 | International Internship Program II | 12 | Over 14 weeks | Spring/Fall | <ul style="list-style-type: none"> - Not Available - 6 credits are recognized as credits for graduation |

※ Registered credits: Credits registered during the course registration period

※ Recognized credits: Credits recognized for graduation requirements

※ The maximum available credits in the National/International Internship Program recognized for graduation requirements is 6 credits, except for the Co-op program which may be applied differently.

※ INT482 and INT492 are only applicable to students in the departments running 'Co-op program'. Refer to the details regarding the operation of Co-op programs below

※ In case that students already took the subject recognized in Co-op program, credits may be recognized according the criteria for recognition by each department (Applicable to all enrolled students).

| Co-op program | Credits | Credits recognized for graduation | The way a department recognizes credits for graduation |
|--------------------------------|-----------|-----------------------------------|--|
| EE Co-op 1 (INT482 and INT495) | 15 (12+3) | 9 | Recognized as Graduation Research (3), Mandatory Major 'EE405 Electronics Design |

| | | | |
|--------------------------------------|--------------|---|--|
| | | | Lab.' (3), and Elective (3) |
| EE Co-op 2 (INT492 and INT495) | 15 (12+3) | 3 | Elective (3) |
| ISysE Co-op 1 (INT482 and INT495) | 15 (12+3) | 9 | Recognized as Graduation Research (3), Elective Major 'IE436 Case Studies for Industrial & Systems Engineering' (3), and Elective Major 'IE481 Special Topics in Industrial Engineering I' (3) |
| ISysE Co-op 2 (INT492 and INT495) | 15 (12+3) | 3 | Elective (3) |
| ME Co-op 1 (INT482 and INT495) | 15 (12+3) | 9 | Recognized as Graduation Research (3), Elective Major(3), and Elective (3) |
| ME Co-op 2 (INT492 and INT495) | 15 (12+3) | 3 | Elective (3) |
| SoC Co-op 1 (INT482 and INT495) | 15 (12+3) | 9 | Recognized as 'CS490 Research in Computer Science(3)', Elective Major 'CS409 Software Projects for Industrial Collaboration'(3), and Elective (3) |
| SoC Co-op 2 (INT492 and INT495) | 15 (12+3) | 3 | Elective (3) |

18. Advanced Placement – Individual AP program (Article 31, Paragraph 2 of the Guidelines on Curriculum Management)

A. Credits and grades earned from AP courses at Korea Science Academy (KSA) and Seoul Science High School and Gyeonggi Science High School can be recognized as those acquired at KAIST. For the students from Seoul Science High School and Gyeonggi Science High School, only the credits and grades earned from AP courses by 2017 fall semester can be recognized.

B. Grade conversion standard

- 1) Korea Science Academy: If the grade is C⁺ or above, choose one among below (applicable to students entering KAIST in 2010 and thereafter)
 - A) being marked as the grade earned from AP courses at KSA in the academic record and included in GPA
 - B) being marked as S in the academic record and excluded in GPA

※ For students entering KAIST in and before 2009, credits and grades earned from AP courses at Korea Science Academy (KSA) are recognized as those acquired at KAIST, being marked as they are in the academic record and included in GPA.
- 2) Seoul Science High School: If the grade is B0 or above, it is marked as S in the academic record and excluded in GPA.
- 3) Gyeonggi Science High School: If the grade is B0 or above, it is marked as S in the academic record and excluded in GPA

C. Credit recognition table for AP credits earned at KSA

| Korea Science Academy Course | | | KAIST Course | | |
|---------------------------------|--------|---|---|--------|-----------------|
| Course Name | Credit | Remark | Course Name | Credit | Course Class. |
| Calculus2 | 4 | 4 Credits by 2013 5 Credits from 2014 to 2018 | Calculus 1 | 3 | Mandatory Basic |
| Advanced Calculus2 | 5 | 4 Credits by 2013 | | | |
| Calculus3 | 3 | 4 Credits by 2013 | Calculus II | 3 | Mandatory Basic |
| Advanced Calculus3 | 3 | 4 Credits by 2013 | | | |
| Linear Algebra | 3 | | Introduction to Linear Algebra | 3 | Elective Basic |
| Differential Equations | 3 | | Differential Equations and Applications | 3 | Elective Basic |
| General Physics1 | 4 | | General Physics I | 3 | Mandatory Basic |
| General Physics Lab1 | 1 | | General Physics Lab. I | 1 | Mandatory Basic |
| General Physics2 | 4 | | General Physics II | 3 | Mandatory Basic |
| General Physics Lab2 | 1 | | General Physics Lab. II | 1 | Elective Basic |
| General Chemistry1 | 4 | | General Chemistry I | 3 | Mandatory Basic |
| General Chemistry Lab1 | 1 | | General Chemistry Experiment I | 1 | Mandatory Basic |
| General Chemistry2 | 4 | | General Chemistry II | 3 | Elective Basic |
| General Chemistry Lab2 | 1 | | General Chemistry Experiment II | 1 | Elective Basic |
| General Biology1 | 4 | | General Biology | 3 | Mandatory Basic |
| General Biology2 | 4 | | | 1 | Elective |
| General Biology Lab | 1 | "General Biology Lab I" by 2013 | | 1 | Elective |
| General Biology Lab2 | 1 | To be recognized when taking the course before 2013 | | 1 | Elective |
| General Earth Science | 3 | | | 3 | Elective |
| General Earth Science Lab | 1 | | | 1 | Elective |
| General Astronomy | 3 | | | 3 | Elective |
| General Astronomy Lab | 1 | | | 1 | Elective |
| Programming and Problem Solving | 3 | | Introduction to Programming | 3 | Mandatory Basic |
| Elementary Number Theory | 3 | | Introduction to Number Theory | 3 | Elective Major |
| DNA Science | 3 | | | 3 | Elective |

| Korea Science Academy Course | | | KAIST Course | | |
|------------------------------|--------|--------|----------------------------|--------|-----------------|
| Course Name | Credit | Remark | Course Name | Credit | Course Class. |
| Discrete Structure | 3 | | Discrete Mathematics | 3 | Mandatory Major |
| Probability and Statistics | 3 | | Probability and Statistics | 3 | Elective Basic |

- ※ For courses with an empty course title in the KAIST course titles column, the corresponding course names from the KSA course column are recognized.
- ※ If a student has completed "DNA Science" and "Molecular Biology"(3 credits, recognized if obtained by 2013) at KSA, credits earned from both courses are recognized, with the provision that only one KAIST course of BiS222 (Molecular and Cellular Biology, Mandatory Major) is to be recognized as a corresponding course. If a student has taken only one of the two courses at KSA, the course is to be recognized as an elective (Applicable to students entering KAIST in 2012 and thereafter. Those who entered KAIST in 2011 or earlier are subject to the AP course system applied at the time of admission).
- ※ The course name "Programming and Problem Solving " in the KSA course was "Object-oriented programming" before its curriculum revision in 2017.

D. Credit recognition table for AP credits earned at Seoul Science High School **School** (Applicable to students entering KAIST in 2016 and thereafter)

| Seoul Science High School Course | | KAIST Course | | | |
|----------------------------------|--|---------------------------------|------------|--------|-----------------|
| Course Name | Credit | Course Name | Course No. | Credit | Course Class. |
| General Physics I, II | 3 credits per 1 course (total 6 credits) | General Physics I | PH141 | 3 | Mandatory Basic |
| General Physics III, IV | 3 credits per 1 course (total 6 credits) | General Physics II | PH142 | 3 | Mandatory Basic |
| General Physics Lab I | 1 | General Physics Lab. I | PH151 | 1 | Mandatory Basic |
| General Physics Lab II | 1 | General Physics Lab. II | PH152 | 1 | Elective Basic |
| Calculus I | 4 | Calculus I | MAS101 | 3 | Mandatory Basic |
| Calculus II | 4 | Calculus II | MAS102 | 3 | Mandatory Basic |
| Linear Algebra | 3 | Introduction to Linear Algebra | MAS109 | 3 | Elective Basic |
| General Chemistry I, II | 3 credits per 1 course (total 6 credits) | General Chemistry I | CH101 | 3 | Mandatory Basic |
| General Chemistry III, IV | 3 credits per 1 course (total 6 credits) | General Chemistry II | CH103 | 3 | Elective Basic |
| General Chemistry Lab I | 1 | General Chemistry Experiment I | CH102 | 1 | Mandatory Basic |
| General Chemistry Lab II | 1 | General Chemistry Experiment II | CH104 | 1 | Elective Basic |
| General Biology I | 3 | General Biology | BS120 | 3 | Mandatory Basic |
| General Biology II | 3 | — | SSH114 | 3 | Elective |
| General Biology Lab. I | 1 | — | SSH113 | 1 | Elective |
| General Biology Lab. II | 1 | — | SSH115 | 1 | Elective |

| Seoul Science High School Course | | KAIST Course | | | |
|----------------------------------|--------|-----------------------------|------------|--------|-----------------|
| Course Name | Credit | Course Name | Course No. | Credit | Course Class. |
| Programming | 3 | Introduction to Programming | CS101 | 3 | Mandatory Basic |

※ When entering grade of AP subjects from Seoul Science High School, subject name will be substituted with corresponding KAIST course name and marked as 'Completed'.

E. Credit recognition table for AP credits earned at Gyeonggi Science High School

| Gyeonggi Science High School Course | | KAIST Course | | | |
|-------------------------------------|--------|--------------------------------|------------|--------|-----------------|
| Course Name | Credit | Course Name | Course No. | Credit | Course Class. |
| General Physics I | 3 | General Physics I | PH141 | 3 | Mandatory Basic |
| General Physics II | 3 | General Physics II | PH142 | 3 | Mandatory Basic |
| General Physics Lab I | 1 | General Physics Lab I | PH151 | 1 | Mandatory Basic |
| General Physics II | 1 | General Physics Lab II | PH152 | 1 | Elective Basic |
| Calculus I | 3 | Calculus I | MAS101 | 3 | Mandatory Basic |
| Calculus II | 3 | Calculus II | MAS102 | 3 | Mandatory Basic |
| Linear Algebra I | 3 | Introduction to Linear Algebra | MAS109 | 3 | Elective Basic |
| Linear Algebra II | 3 | | | | |
| General Chemistry I | 3 | General Chemistry I | CH101 | 3 | Mandatory Basic |
| General Chemistry II | 3 | General Chemistry II | CH103 | 3 | Elective Basic |
| General Chemistry Lab I | 1 | General Chemistry Lab I | CH102 | 1 | Mandatory Basic |
| General Chemistry Lab II | 1 | General Chemistry Lab II | CH104 | 1 | Elective Basic |
| General Biology I | 3 | General Biology | BS120 | 3 | Mandatory Basic |
| General Biology II | 3 | – | – | 3 | Elective |
| General Biology Lab I | 1 | – | – | 1 | Elective |
| General Biology Lab II | | – | – | 1 | Elective |
| Computer Programming I | 2 | Basic Programming | CS101 | 3 | Mandatory Basic |
| Computer Programming II | 2 | | | | |
| Basic Programming | 3 | Basic Programming | CS101 | 3 | Mandatory Basic |

※ When a student from Gyeonggi Science High School has completed the computer programming I and II, Object–Oriented Programming, the credits will be recognized as follows.

- ① Completion of both Computer Programming I and II will be recognized as taking CS101 Basic Programming (3 credits)
- ② Completion of Object–Oriented Programming will be recognized as taking CS101 Basic Programming (3 credits)

- ※ Programming Language, Introduction to Computer Science (Computer Programming I & II from 2011) will not be recognized as CS101 Basic Programming
- ※ Gyeonggi Science High School: If the grade is B0 or above, it is marked as S in the academic record and excluded in GPA

F. Credit recognition table for AP credits earned at Daegu Science High School

1) Time of application(see the table below): Students entered KAIST Spring 2014

(Applicable to the 2014 spring semester freshmen. However, in the case of Daegu Science High School, subjects taken after 2013 will be corresponding for credit transfer.)

| Daegu Science High School Course | AP Class Semester | Criteria for Credit Recognition | KAIST Course | |
|----------------------------------|-------------------|--|--------------------------|------------|
| | | | Course Name | Course No. |
| Calculus II | 1st, 2nd Semester | B0 or higher of Daegu High School GPA | Calculus II | MAS102 |
| General Physics I | 1st | B0 or higher of Daegu High School GPA and 78 or higher of KAIST Credit Recognition Test(S) | General Physics I | PH141 |
| General Physics II | 2nd | | General Physics II | PH142 |
| General Chemistry Lab I | 1st | B0 or higher (S) | General Chemistry Lab I | PH151 |
| General Chemistry Lab II | 2nd | B0 or higher (S) | General Chemistry Lab II | PH152 |
| General Chemistry I | 1st | B+ or higher(S) | General Chemistry I | CH101 |
| General Chemistry II | 2nd | A- or higher(S) | General Chemistry II | CH103 |
| General Biology I | 1st | B- or higher (S) and I&II all taking | General Biology | BS120 |
| General Biology II | 2nd | | | |

2) Time of application(see the table below): Students entered KAIST Spring 2015

(Applicable to the 2015 spring semester freshmen. However, in the case of Daegu Science High School, subjects taken after 2013 will be corresponding for credit transfer.)

| Daegu Science High School Course | AP Class Semester | Criteria for Credit Recognition | KAIST Course | |
|--|-------------------|--|----------------------------|------------|
| | | | Course Name | Course No. |
| Calculus I | 1st | B0 or higher of Daegu High School GPA (S) | Calculus I | MAS101 |
| Calculus II | 2nd | B0 or higher of Daegu High School GPA (S) | Calculus II | MAS102 |
| Probability and Statistics | 1st and 2nd | B0 or higher of Daegu High School GPA (S) | Probability and Statistics | MAS250 |
| General Physics I | 1st | with verifiable information that students are ranked within the top 40 percent in their grade. (S) | General Physics I | PH141 |
| General Physics II | 2nd | | General Physics II | PH142 |
| General Physics Lab I | 1st | B0 or higher of Daegu High School GPA (S) | General Physics Lab I | PH151 |
| General Physics Lab II | 2nd | B0 or higher of Daegu High School GPA (S) | General Physics Lab II | PH152 |
| General Chemistry I (2014 Shin Seok Jin) | 1st | A0 or higher(S) | General Chemistry I | CH101 |
| General Chemistry I (2013 Lee Young Hwa) | 1st | B+ or higher(S) | | |
| General Chemistry II | 2nd | A0 or higher(S) | General Chemistry II | CH103 |

| | | | | |
|--|-----|--------------------------------------|--------------------------|-------|
| (2014 Shin Seok Jin) | | | | |
| General Chemistry II (2013 Lee Young Hwa) | 2nd | A- or higher(S) | | |
| General Chemistry Lab II | 2nd | A- or higher(S) | General Chemistry Lab II | CH104 |
| General Biology I | 1st | B- or higher (S) and I&II all taking | General Biology | BS120 |
| General Biology II | 2nd | | | |

19. University–level program(UP) (Valid until the year of 2015. Recognizing credits is only applied to classes offered before the year of 2015)

A. High school – university bridge program allowing high school students to learn university–level curriculum during vacation at universities agreed to provide University–level Program(UP). When students enters university, credits acquired through UP can be recognized as credits acquired at universities.

– List of universities that agreed to provide UP (26 universities)

KAIST, Seoul National University, Yonsei University, Kangnam University, Kangwon National University, Gyeongsang National University, Kyunghee University, Kwangju Women's University, Dong-A University, Mokpo National University, Pukyong National University, Pusan National University, Seoul Women's University, Sungkyunkwan University, Sookmyung Women's University, Sunchon National University, Youngdong University, Eulji University, Ewha Womans University, University of Incheon, Chonnam National University, Chonbuk National University, Jeju National University, Chungnam National University, Chungbuk National University, Hanyang University

B. Credit recognition standard

- 1) If students who completed UP subjects enter KAIST, credit acquired from UP subjects will be recognized as credit acquired from undergraduate course.
- 2) Credit will be recognized upon students' request only if acquired grade is B0 or above.
- 3) Request should be made within 5 years of the completion of subjects, and within the first semester of studying in KAIST. (request can be made at Academic Registrar's Team)
- 4) Grades acquired from UP subjects will be recorded as it is and included in total credits, but will not be included in calculation of GPA.
- 5) Students cannot retake subjects credited by UP.

C. List of UP subjects recognized by KAIST

| UP Course | | | KAIST Course | | | |
|-------------------------|------------|--------|-------------------------|------------|--------|-----------------|
| Course Name | Course No. | Credit | Course Name | Course No. | Credit | Course Class. |
| Calculus I | UP101 | 3 | Calculus I | MAS101 | 3 | Mandatory Basic |
| Calculus II | UP102 | 3 | Calculus II | MAS102 | 3 | Mandatory Basic |
| General Physics I | UP103 | 3 | General Physics I | PH141 | 3 | Mandatory Basic |
| General Physics II | UP101 | 3 | General Physics II | PH142 | 3 | Mandatory Basic |
| General Physics Lab. I | UP105 | 1 | General Physics Lab. I | PH151 | 1 | Mandatory Basic |
| General Physics Lab. II | UP106 | 1 | General Physics Lab. II | PH152 | 1 | Elective Basic |
| General Chemistry I | UP107 | 3 | General Chemistry I | CH101 | 3 | Mandatory Basic |

| UP Course | | | KAIST Course | | | |
|---------------------------|------------|--------|---------------------------------|------------|--------|---|
| Course Name | Course No. | Credit | Course Name | Course No. | Credit | Course Class. |
| General Chemistry II | UP108 | 3 | General Chemistry II | CH103 | 3 | Elective Basic |
| General Chemistry Lab. I | UP109 | 1 | General Chemistry Experiment I | CH102 | 1 | Mandatory Basic |
| General Chemistry Lab. II | UP110 | 1 | General Chemistry Experiment II | CH104 | 1 | Elective Basic |
| General Biology I | UP101 | 3 | General Biology | BS120 | 3 | Mandatory Basic |
| General Biology II | UP101 | 3 | – | | 3 | Elective |
| General Biology Lab. I | UP101 | 3 | – | | 3 | Elective |
| General Biology Lab. II | UP101 | 1 | – | | 1 | Elective |
| History of Science | UP115 | 3 | History of Science | HSS100 | 3 | Elective General Courses in Humanities & Social Science |
| Environmental Science | UP116 | 3 | – | | 3 | Elective |
| Writing | UP117 | 3 | – | | 3 | Elective |
| English Writing | UP118 | 3 | – | | 3 | Elective |
| Computer Science | UP119 | 3 | – | | 3 | Elective |

20. Honor Program

- A. The Honor Program defines undergraduate students with certain qualifications as "honor students" to honor their excellence and allows them to complete master's and doctor's courses during their undergraduate years.
- B. As for undergraduate students who have completed six or less semesters, have earned 85 or more credits as of the last semester and have recorded 3.7 or a higher GPA, they are referred to as "honor students" based on the recommendations from their research advisors and the heads of their respective departments.
- C. Benefits
 - 1) Students can attend the subjects in the masters or doctoral curriculum by getting approval from the professor lecturing the subject. Acquired credit will be recognized as described below, but if department of belonging defined major subjects (mandatory major, elective major) to be completed, follow the rules defined by department.
 - ※ Credits acquired from mandatory major and elective subjects of masters or doctoral curriculum from department of belonging will be recognized as elective major credit of undergraduate course.
 - ※ Credits acquired from masters or doctoral subjects that does not apply the above (including the credits exceeding the minimum required credits per subject category in undergraduate course) will be recognized as elective.
 - 2) Credits that the students have earned from master's or doctor's courses during their undergraduate years may be recognized as master's credits by applying for credit recognition until the end of the final semester of the master's program following their enrollment into the master's program, provided that their final GPA upon college graduation should be 3.7 or

higher.

- D. Application method: During the registration period of each semester, Honor Program applicants are requested to submit their application form and academic record to the Academic Registrar's Team—via the offices of their respective departments or majors—with letters of recommendation from their research advisors and the heads of their departments/majors enclosed.

21. Bridge Program

- A. To help students from foreign high schools and foreign students to complete regular curriculum by understanding basic courses, preliminary basic courses will be opened. This is also online credit recognition program subjects for pre-freshmen (admitted students) to help them on regular subjects (General Physics, Calculus, General Chemistry, etc.).
- B. Online Bridge Program provides chance of acquiring credits and experience of actual university class, allowing the students to better adapt to college life and curriculum.
- C. Courses

| Course Classification | Course No. | Course Name | Lec.:Lab.:Credit | Opening semester |
|-----------------------|------------|---------------------|------------------|------------------|
| General Elective | PH101 | College Physics | 3:1:3 | Fall |
| General Elective | MAS100 | College Mathematics | 3:1:3 | Fall |
| General Elective | CH107 | College Chemistry | 3:0:3 | Fall |

- D. Starting Points: Fall 2009

22. Transitional Measures and Other

- A. The general/basic courses completion requirements may differ according to the student's year of admission, so please refer to the applicable course completion requirements.
- B. Matters on curriculum shall be determined with the entry year as the basis except the separately determined, and in the event that the subject is closed or changed, the replacement course should be completed.
- C. In the event of having separate matters other than the Handbook or instruction related to the curriculum, the policy of the department shall be complied with, however, in the event of having objection or adjustment, it shall be determined through the review of a relevant committee and others.

* Note *

1. The confirmation of graduation requirement including the status of subject, requirement of subject, and others shall be implemented under the responsibility of the students.
2. The common graduation requirements for each year reflects the graduation requirements subject to different enrollment years and any changes/revisions made in the applicable year, and thus the students shall confirm the common graduation requirements corresponding to their enrollment year and any updates made thereto.
 - i.e) Any updates in graduation requirements made in 2020 are specified in 2020 common graduation requirements, but may also be applied to those enrolled in KAIST in 2019 or before.