

## □ Structure

### 1. Basic policy of curriculum operation

The education at Korea Advanced Institute of Science and Technology (KAIST) is focused on cultivating problem solving capability and independent creative research ability in addition to the traditional education by lectures. The curriculum is organized and integrated to lead from bachelor's to master's to PhD course; mutually recognized subjects between each course are established and determined by the applicable department (major) and specified in the department (major) curriculum.

### 2. Curriculum Classification

A. Courses are divided into subject courses and research courses.

- Subject courses for the undergraduate program are divided into general, basic, and major courses. General courses include mandatory general courses, and elective general courses in humanities & social science. Basic courses include mandatory basic course and elective major courses. Major courses include mandatory and elective major courses. Research courses include B. S. thesis research, field internship, research, individual study, and seminar.
- The subject courses for master's and doctorate programs are divided into mandatory general, mandatory major and elective major courses. Research courses include thesis research, individual research, and seminar.

B. The composition of the subject is determined based on the need of each department (major) by each department (major) and the credits assigned are assigned based on the importance of the subject and the hours required for lecture and experimentation.

### 3. Course Number

Course No.	Course	Course No.	
000	Course without credit	000	
100	Bachelor's Courses	100	
200		200	
300		300	
400		400	
500		500	
600	Master's Courses	Course Restrictively Counted as Both Undergraduate & Graduate Course	600
700			700
800	Doctoral Courses	800	
900	Seminar, Paper, Independent Study, etc. (Satisfactory-Unsatisfactory Course)	900	

### 4. Credit classification and time indication

- A. The course units are either credits or AU (Activity Unit), and the credit is classified into the subject credit and the research credit.
- B. The subject credit can be classified into 1, 2, 3 and 4 credits depending on the importance and the number of class hours per week of the subject. 1 credit is given for a lecture of one hour per week for one semester or its equivalent number of hours. However, the experimental lab provides 1 credit for three hours per week for one semester of education or equivalent education hours.
- C. Seminar credit shall be one credit per semester in principle, and depending on the requirement of each department (major), up to 2 credits can be granted. The assigned hours per week in a seminar are determined by each department (major).
- D. Individual research credits can be granted up to 12 credits for each semester as decided by the advising professor of the student. However a total of 15 credits can not be exceeded.

- E. Thesis research credits can be granted up to 3 credits for each semester as decided by the advising professor of the applicable student. However a total of 12 credits can not be exceeded.
- F. AU is an activity for completing the physical education requirement, Humanity/Leadership and service activities that is not included in the graduation credit. 1 AU is an activity for one hour per week for one semester or the activity with equivalent hours.
- G. Lecture: Lab: Credit: Assignment → “Lecture” is a number of lecture hour per week, “Lab” is the experiment/lab hours per week, “Credit” is the total number of credits, and “Assignment” is the number of assignments per week.