

□ Course Requirements

1. Credits for graduation

1) Master's Program

A) Thesis Master's Degree Program: at least 36 credits

<at least 24 credits for coursework + research credits (thesis research, thesis seminar, seminar)>

B) Coursework Master's Degree Program: at least 36 credits

<at least 24 credits for coursework + at least 6 for additional coursework credits + research credits (independent study, seminar)>

2) Doctoral program: at least 72 credits

<at least 42 credits for coursework + at least 30 research credits (dissertation research, dissertation seminar, and, seminar)>

※ The curriculum credits acquired in the master's course may be cumulatively added to the curriculum credits in PhD course.

3) Mandatory general course credits : at least 3 credits from the general courses.

4) For the master's program, the non-credit leadership course has to be completed.

5) The major course (mandatory or elective) and research course requirements are different for each department. Refer to the course requirements of each department.

6) The departments (biological Sciences and chemistry) with self-regulated course requirements have the same number of total required credits, but the specific major course and research course requirements may differ from other department.

○ Departments/Majors with self-regulated course requirements: biological Sciences department (graduate course), Chemistry department (PhD course)

○ There is no change in the total required credits, but the major course credits are reduced and the research credits are increased.

2. Completion of the Coursework Master's Degree Program

1) Students in coursework master's degree program do not need to submit the master's thesis but have to complete additional coursework (at least 6 more credits)

2) Departments/Majors which offer coursework master's degree programs:

Physics, Biological Sciences, Mathematics, Applied Mathematics, Nuclear and Quantum Engineering, Computer Science, 5 MBA Program in Graduate School of Management (Techno, MIS, Telecom, Green, Executive), 2 interdisciplinary programs(Professional Software Expert, Telecommunication Engineering)

3) Coursework master's degree program in Nuclear and Quantum Engineering : Applies only to international students (admitted in 2003 spring semester or thereafter) who wish to take this option in consultation with his/her academic advisor.

4) Physics, Biological Sciences : Limited to the persons scheduled to advance to the PhD course.

3. Completion of the Interdisciplinary Program

1) The interdisciplinary program is classified into two categories: the students who graduate with the name of the department (interdisciplinary program) and students who graduate only by the name of interdisciplinary program and complete the requirements.

2) Students to graduate with the name of the department (interdisciplinary program) shall complete the curriculum of the department and interdisciplinary program at the same time, and students who wish to graduate with the name of the interdisciplinary program shall complete the curriculum of the applicable interdisciplinary program.

4. Completion of the Integrated Master's and Doctoral Degree Program

- 1) Students who enter the integrated master's and doctoral degree program are expected to complete their doctoral degree. They start with the master's program and are admitted to the PhD program without the usual requirements of submitting the master's thesis and passing the PhD entrance exam.
- 2) Completion of Curriculum
 - The curricula of existing master's and PhD programs are followed.
 - For the course requirements for this integrated program, a total of 72 credits (including the curriculum credits of 42 credits or more and the research credits) have to be acquired including credits acquired in the master's program. In addition, students have to satisfy the requirements for the PhD program separately regulated by the department (including the completion of the leadership course).
 - The curriculum credits and research credits earned from the master's course may be cumulatively counted.
 - Conferment of degree: the doctoral degree is conferred after the student fulfills the course requirements and passes the comprehensive examination and the degree thesis review.
 - For a detailed description of the full number of students and student selection procedures, refer to the operation manual of the integrated course for master's and PhD and recruitment instructions for each year's master's and PhD programs.
 - Action taken for people who drop out from the course: In case that a student drops out, the master's degree can be conferred if the requirement of master's degree is completed.

5. Completion of special courses

A total of 9 credits are allowed to be taken in master's program (The subtitles are needed for opening special courses and they are recorded on the grade report.)

6. Action taken and others

- 1) 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, make sure to complete the replacement course.
- 2) 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**

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