

**Major requirements for
Department of Graduate School of Nanoscience & Technology
(For Masters' Program)**

Thesis Master's Degree Program

※ Please check the common graduation requirements.

■ **Credit Requirement for Graduation:**

Required to complete a total of more than 33 credits

■ **Mandatory General Courses:** 3 credits and 1AU

- CC010 Leadership course (No credit, required for all students except for students with ordinary scholarship and international students)
- CC020 Ethics and safety I (1AU)

■ **Mandatory Major Courses:** 12 credits

- Subjects corresponding to student's undergraduate major may be exempted from mandatory major course, if requested and qualified. Ex) For a student with B.S. in physics, NST510 Introduction to Modern Physics may be exempted. Exempted credits should be supplemented by taking one more class in elective course.

■ **Elective Courses:** minimum 6 credits

■ **Research Courses:** up to 12 credits (including seminar 2 credits)

- Two credits from seminar must be completed within four semesters after admission. (only part-time ordinary scholarship students are exempted)

■ **Interim Measures**

- Applied for students who entered in spring semester of 2018 or later.
- For students who entered before fall semester of 2017, completion of NST540 Nanoscience Experiment will be accepted as completion of a required course.
- Seminar courses taken at the physics, chemistry, biomedical science, GSMSE department, starting from fall semester of 2018, will be accepted as credit for seminar of GSNT.

Coursework Master's Degree

Not operate

Integrated Master's and Doctoral Degree Program

Integrated Master's and Doctoral Degree courses operate each Master's course and Doctorate course. The credits earned in the Master's course work can be used towards the Doctoral degree.

**Major requirements for
Department of Graduate School of Nanoscience Technology
(For Doctoral Program)**

※ Please check the common graduation requirements.

■ **Credit Requirement for Graduation:**

Required to complete a total of more than 60 credits

■ **Mandatory General Courses:** 3 credits and 1AU

- One choice among CC subjects (three credits)
- CC020 Ethics and safety I (1AU)
(However, if you have completed the subject during master's degree, you do not need to take the course again)

■ **Mandatory Major Courses:** 3 credits (NST600 Nanofabrication Laboratory)

■ **Elective Courses:** minimum 24 credits

- Select two courses from the following (NST510 Introduction to Modern Physics, NST520 Introduction to Nano-chemistry, NST535 Introduction to Nanobiology)
- You can take other courses without limitation under the guidance of your tutor.

■ **Research Courses:** minimum 30 credits

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

* Graduate students are strongly recommended to take CC500.

■ **Interim Measures**

- Applied for students with admission for spring semester of 2018 or later.
(Former students must meet previous requirements.)
- If students with admission before fall semester of 2017 has completed the NST540 Nanoscience Experiment subject, it will be accepted as completion of a required course.