

## Major Course Requirements (MS)

### Major Course Requirements for International Nuclear and Radiation Safety Master's Degree Program (MS)

#### Coursework MS Degree

■ **Credit Requirement for Graduation:** Required to complete a total of more than 33 credits

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

- CC500 can be replaced by NQE595(Technical Writing in Nuclear and Quantum Engineering)
- CC500 can be replaced by HSS586(Introductory Korean for Foreigners I) only for foreign students.

■ **Mandatory Major Courses:** None

■ **Elective Courses:** At least 24 credits

- At least 24 credits including 9 credits of major courses from regulation course
- Regulation course list : NQE584 Radiation Protection for Nuclear Regulations  
NQE585 Introduction to Nuclear Safety Regulation  
NQE586 Safety Regulation for Nuclear Installations  
NQE587 Regulation for Nuclear Fuel Cycle and Emergency Preparedness
- Those whose undergraduate major is not Nuclear Engineering is required to take either NQE502 or NQE503.(These requirements apply to those who enrolled in 2009 and thereafter. Those who have taken NQE202 in 2010 and before are exempt.)

■ **Research Courses:** At least 6 credits

■ **Others:**

- When Master's students take undergraduate courses which are not mutually recognized (by the Bachelor's program and the Master's program), only up to 3 credits of those courses taken will go towards fulfilling the requirements for Graduation.
- The following courses are recommended for those whose undergraduate major is not Nuclear Engineering.  
※ NQE301, NQE303, NQE322, NQE401

□ **Transitional Measures**

- For students in the Master's Program or Doctoral Program who have entered their respective programs in 2010 or earlier will be recognized as having taken NQE202 (credit recognition).

- Those joining the Nuclear & Quantum Engineering department from other departments, who have taken NQE202 in 2010 or earlier, are to have the credits of the course go towards meeting the criteria for Master's program completion.
    - Thesis Master's Program: 6 credits from Undergraduate courses including those from NQE202 will be accepted for graduation.
    - Coursework Master's Program: 9 credits from Undergraduate courses including those from NQE202 will be accepted for graduation.
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