

**Major Course Requirements
for Graduate School of Security Science and Technology
(For Master's Program)**

Thesis Master's Degree Program

- Credit Requirement for Graduation : A total of more than 33 credits**
- Mandatory General Courses : 3 credits, Special Lecture on Leadership, Ethics and Safety I**
 - Take 1 course from the following courses.
 - CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC530 Entrepreneurship and Business Strategies, CC531 Patent Analysis and Invention Disclosure, CC532 Collaborative System Design and Engineering, CC533 Entrepreneurial Leadership
 - CC010 Special Lecture on Leadership (non-credit, general scholarship students are excluded)
 - CC020 Ethics and Safety I
- Mandatory Major Courses : None**
- Elective Courses : at least 21 credits**
 - Take at least 6 credits from the following essential courses.
 - SST501 Introduction to Defense Science and Technology, SST502 AI for Defense and Security, SST503 Robotics for Defense and Security
 - Recommend to take elective courses listed in the table of curriculum of our department, and xx500-level or above courses of other departments are also counted as elective course credits.
- Research Courses : at least 9 credits**
 - SST966 Seminar(M.S.) 1 credit is mandatory and only course with the subtitle <Security Science and Technology> is accepted.

Transitional Measures

The above requirements are applicable to students who enters in 2024 or later.

**Major Course Requirements
for Graduate School of Security Science and Technology
(For Doctoral Program)**

❑ **Credit Requirement for Graduation : A total of more than 60 credits**

❑ **Mandatory General Courses : 3 credits, Special Lecture on Leadership, Ethics and Safety I**

○ Take 1 course from the following courses.

- CC500 Scientific Writing, CC510 Introduction to Computer Application, CC511 Probability and Statistics, CC512 Introduction to Materials Science and Engineering, CC513 Engineering Economy and Cost Analysis, CC522 Introduction to Instruments, CC530 Entrepreneurship and Business Strategies, CC531 Patent Analysis and Invention Disclosure, CC532 Collaborative System Design and Engineering, CC533 Entrepreneurial Leadership

○ CC010 Special Lecture on Leadership (non-credit, general scholarship students are excluded)

○ CC020 Ethics and Safety I

※ If this requirement has been completed in master's program, it is considered to have fulfill this requirement in doctoral program.

❑ **Mandatory Major Courses : None**

❑ **Elective Courses : at least 27 credits**

○ Take at least 6 credits from the following essential courses.

- SST501 Introduction to Defense Science and Technology, SST502 AI for Defense and Security, SST503 Robotics for Defense and Security

○ Recommend to take elective courses listed in the table of curriculum of our department, and xx500-level or above courses of other departments are also counted as elective course credits.

❑ **Research Courses : at least 30 credits**

○ SST966 Seminar(M.S.) 1 credit is mandatory and only course with the subtitle <Security Science and Technology> is accepted.

❑ **Remarks :** Course credits earned during master's program may be accumulated excluding research credits.

❑ **Transitional Measures**

The above requirements are applicable to students who enters in 2024 or later.