

**Major Course Completion Requirements for  
Space Exploration Engineering Program  
(For Master's Program)**

**Thesis Master's Degree Program**

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**Please check the common graduation requirements.**

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

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

- Should select at least 1 course among CC500(Scientific Writing), CC510(Introduction to Computer Application), CC511(Probability and Statistics), CC512(Introduction to Materials and Engineering), CC513(Engineering Economy and Cost Analysis), CC522(Introduction to Instruments), CC530 (Entrepreneurship and Business Strategies).

■ **Mandatory Major Courses:** 6 credits

■ **Elective Courses:** at least 12 credits

- A maximum of 6 credits are approved as elective courses, when students take 400-level courses classified as joint undergraduate/graduate courses and 500- or higher-level graduate courses offered from other departments and schools, Although it is the principle that students take elective courses of the AE department.

■ **Research Courses:** At least 12 credits

□ **Transitional Measures**

- This course requirements apply to all students.

**Major Course Completion Requirements for  
Space Exploration Engineering Program  
(For Doctoral Program)**

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**Please check the common graduation requirements.**

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☒ **Credit Requirement for Graduation:** Required to complete a total of more than 60 credits

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

☒ **Mandatory Major Courses:** at least 6 credits

☒ **Elective Courses:** at least 21 credits

- A maximum of 12 credits are approved as elective courses, when students take 400-level courses classified as joint undergraduate/graduate courses and 500- or higher-level graduate courses offered from other departments and schools, Although it is the principle that students take elective courses of the AE department.

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

☐ **Transitional Measures**

- This course requirements apply to all students.