

## **Major Course Requirements for Graduate School of EEWS (For Master's Program)**

### **Thesis Mater'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

- (Choose one of the followings.) CC500 Scientific Writing, CC510 Introduction to Computers and Applications, CC511 Probability and Statistics, CC512 Introduction to Material Science, CC513 Engineering Economics, CC522 Instrumentation, CC530 Entrepreneurship and Management Strategy, CC531 Patent Analysis and Invention Disclosure, CC532 Collaborative System Design and Engineering
- Mandatory General Course: 3 credits and 1 AU

■ **Mandatory Major Courses:** 3 credits

- EEW501 Introduction to Energy Science and Engineering

■ **Elective Courses:** More than 15 credits

- 6 credits must be from the elective courses offered by EEWS

■ **Research Courses:** More than 12 credits including 2 credits of Seminar

□ **Transitional Measures**

- This is applied to students entering M.S. program from 2015 Spring semester.

## Major Course Requirements for Graduate School of EEWS (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

- (Choose one of the followings.) CC500 Scientific Writing, CC510 Introduction to Computers and Applications, CC511 Probability and Statistics, CC512 Introduction to Material Science, CC513 Engineering Economics, CC522 Instrumentation, CC530 Entrepreneurship and Management Strategy, CC531 Patent Analysis and Invention Disclosure, CC532 Collaborative System Design and Engineering
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and thereafter; Both general scholarship students and foreign students are exempted from CC010)

■ **Mandatory Major Courses:** 3 credits

- EEW501 Introduction to Energy Science and Engineering

■ **Elective Courses:** More than 24 credits

- 9 credits must be from the elective courses offered by EEWS

■ **Research Courses:** More than 30 credits including 2 credits of Seminar

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

**Transitional Measures**

- This is applied to students entering Ph.D. program from 2015 Spring semester.

## **Major Course Requirements for Graduate School of EEWS (For MS-PhD Integrated 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

- (Choose one of the followings.) CC500 Scientific Writing, CC510 Introduction to Computers and Applications, CC511 Probability and Statistics, CC512 Introduction to Material Science, CC513 Engineering Economics, CC522 Instrumentation, CC530 Entrepreneurship and Management Strategy, CC531 Patent Analysis and Invention Disclosure, CC532 Collaborative System Design and Engineering
- CC010 Special Lecture on Leadership(non-credit, this applies to students entering KAIST in 2002 and thereafter; Both general scholarship students and foreign students are exempted from CC010)

■ **Mandatory Major Courses:** 3 credits

- EEW501 Introduction to Energy Science and Engineering

■ **Elective Courses:** More than 24 credits

- 9 credits must be from the elective courses offered by EEWS

■ **Research Courses:** More than 30 credits including 4 credits of Seminar

- Integrated master's/doctoral program students should take Seminar class 4 times (4 seminar credits) as their degree requirements.

■ The curricula of existing master's and Ph.D. programs are followed. The curriculum credits and research credits earned from the master's course may be cumulatively counted.

□ **Transitional Measures**

- This is applied to students entering Ph.D. program from 2015 Spring semester.