

## Course Requirements(Graduate)

### □ M.S. Course

Mandatory General	Mandatory Major	Elective	Research	Total
3 + 1AU	3	15	12	33

- A. Graduation Credits: More than 33
- B. Mandatory General Course: 3 credits and 1 AU - 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)
  - CC020 Ethics and Safety I (1AU)
- C. Mandatory Major Course : 3 credits (EEW501 Introduction to Energy Science and Engineering)
- D. Elective Course: More than 15 credits (elective course in Graduate School of EEWS and other courses approved by the Graduate School of EEWS as elective courses)
- ※ For specific information regarding elective courses, please contact the office(82-42-350-1703) or website (<http://eewseng.kaist.ac.kr>).
- E. Research : More than 12 credits including 2 credits of Seminar

### □ Ph.D. Course

Mandatory General	Mandatory Major	Elective	Research	Total
3 + 1AU	3	24	30	60

- A. Graduation Credits : More than 60
- B. Mandatory General Course : 3credits 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)
  - CC020 Ethics and Safety I(1AU)
- C. Mandatory Major Course : 3 credits (EEW501 Introduction to Energy Science and Engineering)
- D. Elective Course : More than 24 credits (elective course in Graduate School of EEWS and other courses approved by the Graduate School of EEWS as elective courses)
- E. Research Credits : 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).
- ※Applied to students entering Ph.D program from 2012 Fall semester: Besides the courses in EEWS or related courses in other departments at KAIST designated by EEWS, maximum 6credits of elective major courses can be taken in other departments at KAIST

□ Integrated master's/doctoral program

- The curricula of existing master's and PhD programs are followed. The curriculum credits and research credits earned from the master's course may be cumulatively counted.
- Integrated master's/doctoral program students should take Seminar class 4 times (4 seminar credits) as their degree requirements.