

Major Course Requirements for Department of Industrial Design (For undergraduate students admitted in 2015 or before)

■ Graduation credits: At least 130 credits in total

■ (Note) Requirements other than major/research courses designated by department:

- **Elective basic:** At least 9 credits, including Ideas & Expression (3)
- Students admitted in 2011 or earlier must earn 6 credits, including Ideas & Expression(3)

※ Students who double major must earn 6 credits, including Ideas & Expression (3)
(Students admitted in 2011 or earlier must earn at least 3 credits, including Ideas & Expression (3))

■ Major: At least 54 credits in total

- Mandatory major: 27 credits

ID211 Graphic Design, ID212 Design Fundamentals, ID213 Product Design, ID301 Interactive Product Design, ID304 User Experience Design, ID402 Design Entrepreneurship, ID403 System Design, ID409 Graduation Design Studio I, ID414 Graduation Design Studio II (27 credits in total)

- Elective major: At least 27 credits

Only 1 course among elective major offerings from the College of Engineering (CoE code) can be recognized as an elective major course.

■ Minor: At least 18 credits in total

○ At least 18 credits, including ID212 Design Fundamentals, ID213 Product Design, and ID301 Interactive Product Design, from among major courses offered by the department

■ Double major: 40 credits in total

- 40 credits in major courses, including 27 credits from mandatory major courses

- **Research: At least 3 credits in total**

- - Mandatory 3 credits from Graduation Research
- Seminar and Individual Study recognized as research credits

※ Students who have a double major are exempt from research courses.

□ Transitional Measures

Students admitted in 2015 or earlier may choose to be governed by the graduation requirements applicable to students admitted in 2016 or later.

① The required credits for major courses (at least 54 credits in total) shall apply to students admitted in 2007 or later.

- Required credits from major courses for students admitted in 2006 or earlier: At least 52 credits

② Graduation requirements for major courses shall apply to all students enrolled in the spring semester of 2010 or later. However, students admitted in 2006 or earlier may be governed by former requirements. Credits earned from mandatory major courses up to the spring semester of 2007 shall be recognized as mandatory major credits in accordance with graduation requirements at the time of admission, and these requirements shall apply only to remaining credits. The requirements at the time of admission shall apply for humanities and basic courses.

③ Substitute courses based on updated curriculum

- Spatial Design → Product Design Program
- Theory of New Product Development → Product Design System

④ Students who completed Integrated Design before curriculum reforms shall be deemed as having completed Integrated Design I.

⑤ Graduation requirements for basic courses shall apply to students admitted in 2012 or later.

⑥ Students admitted in 2015 or earlier who do not choose to be governed by graduation requirements applied to students admitted in 2016 or later shall have the four courses below recognized as mandatory major courses.

(ID211 Graphic Design, ID402 Design Entrepreneurship, ID409 Graduation Design Studio I, ID414 Graduation Design Studio II)

⑦ The recognition of only 1 course among elective major offerings from the College of Engineering (CoE code) as an elective major course applies to all currently enrolled students.

Major Course Requirements for Department of Industrial Design (For undergraduate students admitted in 2016 and after)

■ Graduation credits: At least 136 credits in total

※ Required to choose and complete at least one among advanced major, minor, double major, or individually designed major

■ (Note) Requirements other than major/research courses designated by department

- Elective basic: At least 9 credits, including Ideas & Expression (3)
- Students admitted in 2011 or earlier must earn 6 credits, including Ideas & Expression(3)

※ Students who have a double major must earn 6 credits, including Ideas & Expression (3)
(Students admitted in 2011 or earlier must earn at least 3 credits, including Ideas & Expression (3))

■ Major: At least 45 credits in total

- Mandatory major: 15 credits
ID212 Design Fundamentals, ID213 Product Design, ID301 Interactive Product Design, ID304 User Experience Design, ID403 System Design (15 credits in total)
- Elective major: 30 credits
Only 1 course among elective major offerings from the College of Engineering (CoE code) can be recognized as an elective major course.

■ Intensive major: (At least) 12 credits in total

At least 12 credits in major courses, including six credits from ID409 Graduation Design Studio I and ID414 Graduation Design Studio II

■ Individually designed major: At least 12 credits in total

At least 12 credits in major courses offered by at least two academic departments outside of the department

■ Minor: At least 18 credits in total

At least 18 credits in major courses, including 9 credits from ID212 Design Fundamentals, ID213 Product Design, and ID301 Interactive Product Design
※ Credits overlapping with major courses of other academic departments not recognized

■ Double major: At least 40 credits in total

At least 40 credits in major courses, including 15 credits from mandatory major courses
※ Up to six credits overlapping with major courses of other academic departments may be recognized

■ Research: (At least) 3 credits in total

- Mandatory 3 credits from Graduation Research
- Seminar and Individual Study recognized as research credits
- ※ Students who double major are exempt from research courses.

□ Transitional Measures

- ① Students admitted in 2015 or earlier may choose to be governed by the above requirements.
- ② Students admitted in 2015 or earlier who choose to be governed by graduation requirements applied to students admitted in 2016 or later shall have the four courses below recognized as elective major courses.
(ID211 Graphic Design, ID402 Design Entrepreneurship, ID409 Graduation Design Studio I, ID414 Graduation Design Studio II)
- ③ The recognition of only 1 course among elective major offerings from the College of Engineering (CoE code) as an elective major course applies to all currently enrolled students.

Major Course Requirements for Department of Industrial Design (For undergraduate students admitted in 2021 and after)

■ **Graduation credits: At least 136 credits in total**

※ Required to choose and complete at least one among advanced major, minor, double major, or individually designed major

■ **(Note) Requirements other than major/research courses designated by department:**

- Elective basic: At least 9 credits, including Ideas & Expression (3)
- Students admitted in 2011 or earlier must earn 6 credits, including Ideas & Expression(3)

※ Students who have a double major must earn 6 credits, including Ideas & Expression (3)
(Students admitted in 2011 or earlier must earn at least 3 credits, including Ideas & Expression (3))

■ **Major: At least 45 credits in total**

- Mandatory major: 15 credits

ID212 Design Fundamentals, ID213 Product Design, ID301 Interactive Product Design, ID304 User Experience Design, ID403 System Design (15 credits in total)

- Elective major: 30 credits

- Earn at least 30 elective major credits including 6 credits from ID409 Graduation Design Studio I and ID414 Graduation Design Studio II

- Only 1 course among elective major offerings from the College of Engineering (CoE code) can be recognized as an elective major course.

■ **Intensive major: (At least) 12 credits in total**

At least 12 credits in major courses, including six credits from ID409 Graduation Design Studio I and ID414 Graduation Design Studio II

■ **Individually designed major: At least 12 credits in total**

At least 12 credits in major courses offered by at least two academic departments outside of the department

■ **Minor: At least 18 credits in total**

At least 18 credits in major courses, including 9 credits from ID212 Design Fundamentals, ID213 Product Design, and ID301 Interactive Product Design

※ Credits overlapping with major courses of other academic departments not recognized

■ **Double major: At least 40 credits in total**

At least 40 credits in major courses, including 15 credits from mandatory major courses

- Must include 6 credits from ID409 Graduation Design Studio I and ID414 Graduation Design Studio II

※ Up to six credits overlapping with major courses of other academic departments may be recognized

■ **Research: (At least) 3 credits in total**

- Mandatory 3 credits from Graduation Research
- Seminar and Individual Study recognized as research credits

※ Students who double major are exempt from research courses.

□ **Transitional Measures**

① The above course requirements apply to students admitted in 2021 or later.

② Students admitted in 2020 or earlier may choose to be governed by the above requirements.

**Major Course Requirements for Department of Industrial Design
(For Master's Program)**

Thesis Master's

■ **Graduation requirements: At least 33 credits in total**

■ **Mandatory general: 3 credits and 1AU**

At least 3 credits, including 1 course among Scientific Writing, Introduction to Computer Application, Probability and Statistics, Engineering Economy and Cost Analysis, Patent Analysis and Invention Disclosure, Collaborative System Design and Engineering

■ **Mandatory major: (At least) 6 credits in total**

Design Project I, Research Methodology (6 credits in total)

■ **Elective: (At least) 12 credits in total (At least six credits offered by the Department of Industrial Design)**

- Up to 6 credits may be earned from other departments with the advisor's approval
- Students without an undergraduate degree in design must earn at least 9 credits from undergraduate courses offered by the department, and such credits shall not be recognized as elective credits (applies to students admitted in 2008 or later)

■ **Research: At least 12 credits in total**

- Mandatory 1 credit from Seminar

□ **Transitional Measures**

① These requirements shall apply to all enrolled students.

② Substitute course based on updated curriculum

- Design Issues → Design Project I

③ The requirement for those without an undergraduate degree to earn at least 9 credits from undergraduate courses offered by the department shall be abolished for students admitted in spring 2018 or later.

**Major Course Requirements for Department of Industrial Design
(For Ph.D. Program)**

Graduation credits: At least 60 credits in total

Mandatory general: 3 credits and 1AU

Mandatory major: None

Elective: At least 27 credits in total

- At least 18 credits, including Design Research Issues, from among courses offered by the department

Research: At least 30 credits in total

- Mandatory 1 credit from Seminar

Transitional Measures

① These requirements shall apply from the fall semester of 2007. However, all credits earned by students up to the spring semester of 2007 shall be recognized.

Miscellaneous

- Coursework credits (excluding research credits) earned in the master's program may count towards graduation requirements for the Ph.D. program.

**Major Course Requirements for Department of Industrial Design
(For M.D.-Ph.D. Integrated Degree Program)**

- The department offers separate master's and Ph.D. programs, not an integrated degree program.
- Coursework credits and research credits earned in the master's program may count towards graduation requirements for the Ph.D. program.
 - * Students without an undergraduate degree in design must earn at least 9 credits from undergraduate courses offered by the department, and such credits shall not be recognized as elective credits.

Transitional Measures

- ① These requirements shall apply to students admitted in 2014 or later.