

**Major Course Completion Requirements for
Software Graduate Program
(For Master's Program)**

Coursework Master's Degree Program

Please check the common graduation requirements.

■ **Credit Requirement for Graduation:** Required to complete a total of more than 41 credits

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

- One course among CC511 "Probability and Statistics", CC513 "Engineering Economy"and "Cost Analysis", CC522 "Introduction to Instruments", and CC530 "Entrepreneurship and Business Strategies" (CC530 "Entrepreneurship and Business Strategies" can be substituted for SEP584 "Management of Software Business")

■ **Mandatory Major Courses:** At least 12 credits

- SEP701 "Software Development Project (1)" and SEP702 "Software Development Project (2)"

■ **Elective Courses:** At least 24 credits.

- At least 18 credits among belows

① Elective Mandatory Course Requirements(at least 6 credits): at least two courses among SEP521 "Principles of Software Engineering", SEP532 "Theory and Practice for Artificial Intelligence", SEP561 "Embedded Computing", SEP562 "Embedded System Software", SEP581 "Project Management and Professional Practice", SEP582 "IT Organization and Leadership", and SEP583 "Software Industry and Ecosystem"

② Courses offered by the Software Graduate Program or corresponding substitute course

- Any graduates courses of other majors could be taken despite of classification, but accepted as elective course requirements up to 6 credits.

■ **Research Courses:** At least 2 credits

- Including SEP965 "Independent Study" and SEP966 "Seminar"

- **Other:** A student who does not have a bachelor's degree in IT-related areas must take one course of SEP501 "Computing System Overview" or SEP502 "Software System Overview".

□ **Transitional Measures**

- These requirements apply to students who entered after the spring semester of 2019 academic year.