Course Requirements

☐ **Master's Program** (Coursework for a Master's Degree)

The Software Expert Interdisciplinary Program is a Coursework Program, and students need not submit a Master's thesis.

General Course	Mandatory Major Course	Elective Major Course	Research	Total
3 and 1AU	12	24	2	41

A. Graduation Credits
- At least 41 credits in total.

B. Mandatory General Course : at least 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, CC531 Patent Analysis and Invention Disclosure.
- CC020 Ethics and Safety I(1AU)

C. Mandatory Major Course Requirements: at least 12 credits
- SEP701 Software Development Project (1) and SEP702 Software Development Project (2) must be taken.

D. Elective Major Course Requirements: at least 24 credits.
- Three courses among SEP521 Principles of Software Engineering, SEP541 Information Systems for e-Business, SEP561 Embedded Computing, and SEP562 Embedded System Software, SEP581 Software Project Management and Professional Practice, SEP582 IT Organization and Leadership and SEP583 Industrial Applications of Information Technology and Software Industry.
- 12 credits must be taken in courses offered by the Software Expert Interdisciplinary Program, or admitted by the program chair.

E. Research Course Requirements
- At least 2 credits including SEP965 Independent Study and SEP966 Seminar (Master).

F. 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.

G. These requirements apply to those students who entered in or after the 2008 academic year.