

## Course Requirement for Master Student

*Institute of Information System and Application, NTHU*

- A. Each student has to complete **total 24 mandatory credits**, including
- **Course “Seminar”:** in both 1<sup>st</sup> & 2<sup>nd</sup> semesters (2 credits in sum).
  - **Required Courses:** At least 3 courses (with 3 credits each) offered from either ISA 、 IIS 、 COM or CS of 5000-level or higher is required.
- NOTE: students could add 4000-level course credits to mandatory credits only when the application is approved by both students’ advisor and the director of ISA. However, Required Courses cannot be fit in this application.*
- B. Students also need to take **course “Thesis”** in both the 3<sup>rd</sup> & 4<sup>th</sup> semesters (at least 4 credits in sum), and these credits won’t be counted as mandatory credits.
- Note:** Students enrolling with some proficiency in Chinese are encouraged to take the CLC placement test. Passing TOCFL level A1 waives 4 Mandarin credit hours.
- Note:** Students who pass level A1 of TOCFL may waive 4 Mandarin courses. Students must take their TOCFL certificates to the CLC office to apply for waivers.
- C. **Prerequisites**
- There are 2 prerequisites, Computer Programming & Data Structure.
  - The credits of these courses won’t be counted as mandatory credits for graduation.
  - Students are expected to take and pass prerequisites before enrollment. If not, students MUST take and pass the prerequisites after joining in NTHU.
- D. **Language requirement**
- Before applying for oral defense, a student must qualify one of the following public tests or take course to prove his/her English proficiency.
- For students whose native language is not English: minimum TOEFL score of 6.0(IBT), or TOEIC score of 750, or IELTS score of 6.0, or GEPT High-Intermediate level, or any other certificate of English proficiency approved by the institute.
  - Take 3 credits for the following English courses, and the scores must be B+ or above.
    - English courses whose No. belongs to the LANG (Center for English Education) are marked as "Limited to Graduate Student".
    - CS 5912 English for Science and Technology and CS 5913 Academic Research Writing.
  - For students with a degree from a university located in a native English speaking country, which is recognized by the Ministry of Education, can be exempted from the language requirement.
- E. These regulations were discussed and approved in the ISA Affairs Meeting.

**Additional Note:**

1. In accordance with Article 62 Paragraph 8, student status will be suspended permanently by NTHU if students fail all courses (course "Thesis" not included) in current semester.
2. Students who are enrolled since the academic year 2015 have to sign up for the online course "Academic Research Ethics Education" in the first year. Students MUST pass the course before his/her oral defense.
3. According to the regulation (Chapter 3, Article 55), students have to complete at least 24 credits in addition to thesis writing credits before graduation. Students that have not completed this course are not allowed to apply for their Oral Defense.
4. In addition to these regulations of ISA, students still have to meet the Regulations of National Tsing Hua University.