

**Graduate Institute of Communication Engineering**  
**Graduation Requirements for Master Students Enrolled after 2023**

Item	Notes														
I. Years of enrollment: 1. Minimum years of enrollment: 1 year 2. Maximum years of enrollment: 4 years (excluding 2 years of suspension)	Part-time students may prolong years of enrollment for 1 more year.														
II. Minimum credits for graduation: <u>30 credits</u> (physical education and citizen national defense education are not included), including: 1. Courses: A minimum of <u>24</u> credits of required and elective courses 2. Master Thesis: <u>6</u> credits	Students are considered to have passed both academic and conduct assessment with the grade of 70 or above. Students who fail in conduct will be dismissed. The average of academic grades comprises 50 % of the overall graduation grades. *Only English-taught courses will be recognized as graduation credits. *Required credits+ Elective credits + Master Thesis = minimum														
III. Transfer credits: maximum <u>12</u> credits	According to NCHU regulation for credits exemption, students should apply for credits exemption prior to the deadline of course add/drop.														
IV. Undergraduate credits from discipline-related courses may be counted as graduation credits	According to NCHU regulation, the number of credits students should take is determined by their advisor or the department chairperson. Students who need to take undergraduate courses for research purposes, besides the credits for graduation, may take undergraduate courses with the consent of the instructor. The course may be counted as graduation credits after obtaining the approval form the advisor, and relevant department committee. Nevertheless, the maximum for such undergraduate credits: <u>6</u> credits. If graduate students take combined courses for fourth-year undergraduates and graduates, the maximum counted credits: 12 credits.														
V. Credits from other departments: maximum <u>6</u> credits	Including inter-university credits.														
VI. Core courses and credits: <u>0</u> credits <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;"><u>Core Course Title</u></th> <th style="text-align: right; border-bottom: 1px solid black;"><u>Credits</u></th> </tr> </thead> <tbody> <tr> <td>1. Seminar in Communication I/II</td> <td style="text-align: right;">0</td> </tr> <tr> <td>2. Seminar in Information I/II</td> <td style="text-align: right;">0</td> </tr> <tr> <td>3. Seminar in System on Chip I/II</td> <td style="text-align: right;">0</td> </tr> <tr> <td>4. Special Topics in Communication Engineering I/II</td> <td style="text-align: right;">0</td> </tr> <tr> <td>5.</td> <td></td> </tr> <tr> <td>6.</td> <td></td> </tr> </tbody> </table>	<u>Core Course Title</u>	<u>Credits</u>	1. Seminar in Communication I/II	0	2. Seminar in Information I/II	0	3. Seminar in System on Chip I/II	0	4. Special Topics in Communication Engineering I/II	0	5.		6.		Students must retake failed compulsory courses. Students may not graduate without passing all compulsory courses. Seminar in Communication and Seminar in Information (Choose one, required for Communication and Information Group students) Seminar in System on Chip (Required for System-on-Chip (SOC) Group students)
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VII. Prerequisite Courses (not included in graduation credits): credits 1. 2. 3.	Seminar in Communication and Seminar in Information (Choose one, required for Communication and Information Group students) Seminar in System on Chip (Required for System-on-Chip (SOC) Group students)														
VIII. Master's degree examination (oral defense): 1. Students should discuss with their advisor prior to the end of their first academic year. 2. <u>Students must get the certification of "Education on Academic and Research Ethics" course before the application of the oral defense.</u> 3. Students who complete minimum of enrollment, fulfill graduation credits, and complete the draft of thesis should apply for oral defense at least 20 days prior to the oral defense. The passing grade for defense is 70.	Oral defense comprises 50% of graduation grade. <u>Students must learn "Education on Academic and Research Ethics" course and take the exam to obtain the certificate form the Center for Taiwan Academic Research Ethics Education website. Each department may additionally require the completion of professional academic research ethics education workshops, which will be implemented according to the regulations established by each department.</u> Master thesis should be written in English and oral defense should be carried out in English. Students who fail oral defense within enrollment should retake it next semester or year. If students who retake oral defense fail again, their study will be terminated. The grade of those who pass retaking the oral defense is uniformly calculated at 70.														
IX. Others: English proficiency requirements: N/A Compulsory elective course by group: Communication and Information Group: N/A System-on-Chip (SOC) Group: Design of Computer Aided VLSI Circuits	The departments/graduate institutes are authorized to set their own English proficiency standards for graduate students in accordance with Article 2 of the University's Regulations on Graduation English Proficiency (approved in the 57 <sup>th</sup> Academic Affairs Meeting on March 26, 2009).														

※ Information on required courses and graduation credits shall be filled out by each department based on its curriculum design in each Academic Year. For more details, see <http://www.oaa.nchu.edu.tw/rule01.htm>.

※ Changes in graduation requirements shall be handled in accordance with the Simplified Change Procedures. Changes not involving courses and credits are exempt from annual reviews.

※ This form was amended in accordance with the minutes for the 62<sup>nd</sup>, 70<sup>th</sup> and 71<sup>st</sup> Academic Affairs Meetings.

Coordinator: \_\_\_\_\_ Chairperson: \_\_\_\_\_ Amended on March 7, 2023