

**G-32 Department of Civil Engineering (Graduate and Degree Programs)**  
**Doctoral Student Graduation Requirements for Academic Year 2019**

Item	Note
I. Terms of study: 1. Minimum: 2 years 2. Maximum: 7 years (excluding 2 years of suspension)	Students in the continuing education division may extend the term of study by 1 year.
II. Minimum required credits for graduation (excluding credits from physical education and military education courses)  Regular students: <u>38</u> credits Master's students on the direct Ph.D. track: <u>42</u> credits Undergraduate students on the direct Ph.D. track: <u>42</u> credits  Including the following two criteria: 1. Academic subjects (required and elective) Regular students: minimum required credit(s): <u>0</u> ; minimum elective credit(s): <u>26</u> Master's students on the direct Ph.D. track: minimum required credit(s): <u>0</u> , minimum elective credit(s): <u>30</u> Undergraduate students on the direct Ph.D. track: minimum required credit(s): <u>0</u> , minimum elective credit(s): <u>30</u> 2. Graduation dissertation: <u>12</u> credits	The passing grade for graduate students' academic subjects and conduct are both 70. Students who have failing conduct scores will be expelled. Average academic score composes 50% of the graduation grade.  Master's students on the direct Ph.D. track may transfer a maximum of 12 credits from their master's program. Undergraduate students on the direct Ph.D. track may waive a maximum of half of their Ph.D. program graduation credits (excluding graduation dissertation).  ※Required + elective + graduation dissertation = minimum graduation credits
III. Credit exemption: According to the NCHU Regulation.	According to the NCHU Regulation for Credit Exemption, new students who wish to transfer credits should apply by the end of the course registration period of the first semester.
IV. Credits from related elective undergraduate courses will be acknowledged as credits for graduation.	According to the NCHU Regulations on Course Registration, a graduate student's required credits and courses for each semester should be determined by the advisor or the chair of the department, graduate program, or degree program.  In addition to the required credits, if a student wishes to take related undergraduate courses, they may, with the instructor's consent. However, if the student wishes to include credits from undergraduate courses as graduation credits, only a maximum of 6 credits may be recognized with the approval from the advisor and a meeting convened by the department, graduate program, or degree program committee.
V. Acknowledged credits from other departments or graduate programs: A maximum of ____ credit(s).	Including credits from intercollegiate courses.
	Students who fail the required courses shall retake them. Students may not graduate without completing all required courses.  Items 1 to 4 are required courses according to

<p>VI. Required courses and credits: a total of 0 credit(s)</p> <table border="1"> <thead> <tr> <th>Course name</th> <th>No. of credit(s)</th> </tr> </thead> <tbody> <tr> <td>1. Seminar in Structural Engineering</td> <td>0</td> </tr> <tr> <td>2. Seminar in Hydraulic Engineering</td> <td>0</td> </tr> <tr> <td>3. Seminar in Geotechnical Engineering</td> <td>0</td> </tr> <tr> <td>4. Seminar in Surveying Information Engineering</td> <td>0</td> </tr> </tbody> </table>	Course name	No. of credit(s)	1. Seminar in Structural Engineering	0	2. Seminar in Hydraulic Engineering	0	3. Seminar in Geotechnical Engineering	0	4. Seminar in Surveying Information Engineering	0	<p>students' entrance examination grouping. (Students in Divisions A, B, and C must take Items 1, 2, and 3, respectively, whereas students in Divisions D and E must take Item 4.) While studying in this program, students are required to take and pass 2 seminar courses of their own division.</p>
Course name	No. of credit(s)										
1. Seminar in Structural Engineering	0										
2. Seminar in Hydraulic Engineering	0										
3. Seminar in Geotechnical Engineering	0										
4. Seminar in Surveying Information Engineering	0										
<p>VII. Basic courses deemed prerequisites by the department or graduate program but do not carry graduation credits: a total of _ credit(s).</p> <ol style="list-style-type: none"> <li></li> <li></li> <li></li> </ol>											
<p>IIX. Ph.D. student evaluation</p> <p>By the end of the first academic year, each Ph.D. student must find an advisor with the consent of the head of the department or graduate program.</p>	<p>Ph.D. students who fail to find an advisor during the required period will be required to take a one-semester suspension.</p>										
<p>IX. Ph.D. qualifying examination:</p> <p>Graduate students who have completed the minimum term of study, obtained the required credits, and have written a dissertation proposal and the dissertation's basic content may apply for the Ph.D. qualifying examination. The examinee will be considered qualified when 2/3 or more of the examination committee members issue a passing score.</p>	<p>Students who fail the Ph.D. qualifying examination cannot apply for a dissertation defense. Students who fail the qualifying examination twice will be expelled.</p>										
<p>V. Ph.D. degree examination (dissertation defense)</p> <p><u>1. Graduate students must obtain a certificate of study on research ethics education before applying for a dissertation defense. The requirement is determined by each department, graduate program, or degree program.</u></p> <p>2. Students who have passed the Ph.D. qualifying examination and finished their dissertation draft may, after enrolling for the semester and completing course registration, apply to hold a dissertation defense at least 20 days prior to the scheduled examination day. The passing grade for a dissertation defense is 70.</p>	<p>The dissertation defense composes 50% of the graduation grade.</p> <p><u>Graduate students may self-study through the Center for Taiwan Academic Research Ethics Education website and acquire a certificate of study by passing the final test. Students from departments, graduate programs, or degree programs that have their own requirements for professional academic research ethics courses should follow their division's practices.</u></p> <p>Students who receive a failing score for their dissertation defense and have not reached the maximum years of study may apply for re-examination in the next academic year or the next semester. If another failing score is received, then the student will be expelled. If the student passes the re-examination, he or she will receive a score of 70.</p>										
<p>XI. Others:</p> <p>English proficiency graduation requirement: Not established</p>	<p>According to Article 2 of the NCHU Guidelines for Including English Proficiency as a Graduation Requirement, each department and graduate program may establish their own English proficiency requirement for their graduate students (Established on the 57<sup>th</sup> Academic Affairs Meeting on 2009.03.26).</p>										

※ Regulations on required courses and graduation credits are to be filled in according to the curriculum of each department or graduate program for each year. Curriculum website: <http://www.oaa.nchu.edu.tw/rule01.htm>

※ To change graduation requirements, please follow the simplified procedure. If neither courses nor credits are changed, then it is not necessary to submit the form for every academic year.

※ This table was amended according to the minutes of the 62<sup>th</sup>, 70<sup>th</sup>, and 71<sup>st</sup> Academic Affairs Meetings.

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Department (graduation program) supervisor signature: