

**Graduation Requirements for PhD Students in the Department of Materials Science and Engineering,
National Chung Hsing University**

Item	Remarks
<p>1. Total enrollment years:</p> <p>(1) Minimum enrollment years: Two year</p> <p>(2) Maximum enrollment years: 7 years (excluding 2 years' temporary withdrawal from school)</p>	<p>Part-time students (in-service students) may extend total enrollment period by one year.</p>
<p>2. Minimum graduation credits: (excluding credits from Physical Education Courses and National Defense Education Courses)</p> <p>32 credits for general student, 44 credits for master's students who are granted direct admission into PhD program; 44 credits for undergraduate students who are granted direct admission into PhD program.</p> <p>The graduation credits include:</p> <p>(1) Courses (required and elective):</p> <p>General students: a minimum of 2 credits from required courses and 18 credits from elective courses. Master's students who are granted direct admission into PhD program: a minimum of 2 credits from required courses and 30 credits from elective courses. Undergraduate students who are granted direct admission into PhD program: a minimum of 2 credits from required courses and 30 credits from elective courses.</p> <p>The maximum transferable credits are 12 credits for the above-mentioned students who have taken the courses prior to admission.</p> <p>(2) Dissertation: 12 credits</p>	<p>The passing score for all courses and students' conduct is 70. Students who receive a conduct score below 70 will be ordered to quit school. The average course score accounts for 50 % of a student's graduation score.</p> <p>Master's students who are granted direct admission into PhD program: the maximum transferable credits are 12 credits for those who have taken the courses in master's program.</p> <p>Undergraduate students who are granted direct admission into PhD program: the maximum transferable credits are equal to half of the graduation credits. (excluding graduation dissertation credits)</p> <p>Note: required course credits + elective course credits + graduation dissertation credits= minimum graduation credits</p>
<p>3. Course credits exemption:</p> <p>A maximum of 9 credits for general students; a maximum of 12 credits for undergraduate students who are granted direct admission into PhD program.</p>	<p>Credits exemption should conform with relevant rules of NCHU. Students must file application for credit exemption before the course adding/dropping deadline of the first semester of the students' study.</p>
<p>4. Credits from related undergraduate courses can be transferred.</p>	<p>PhD students who wish to take undergraduate courses must file application and seek approval from the department chair, instructor, advisor, and department chair of the department offering the courses. The application is then sent to the dean of office of academic affairs for review and approval before the students can enroll in the undergraduate course. A maximum of three undergraduate course credits can be counted as graduation credits.</p>
<p>5. Number of transferable credits from other department or graduate institute: unlimited. (Credits from the Department of Materials Science and Engineering should be no less than 12.)</p>	<p>Including Inter-University course credits.</p>
<p>6. The required courses and credits: 14 credits.</p> <p>(a) Colloquium (III), 1 credits. (b) Colloquium (IV), 1 credits. (c) Dissertation, 12 credits.</p>	<p>Students who fail required courses must re-take them. Students can graduate only when they have passed all the required courses.</p>
<p>7. The total credits of undergraduate fundamental courses assigned by the department or graduate institute (not included in the graduation credits): 0 credits</p>	

<p>8. Qualification Assessment for PhD students: PhD students must choose advisor(s) before the end of the first year and seek approval from the chair of the department or graduate institute.</p>	<p>Those who fail to find the advisor(s) according to relevant regulations will be ordered to temporarily withdraw from school for one semester.</p>
<p>9. PhD Candidacy Qualification Assessment: PhD students who have fulfilled requirements in minimum enrollment years and taken the required courses and credits may submit a dissertation plan for PhD Candidacy Qualification Assessment. The students are considered to pass the candidacy assessment once the aforementioned application is approved by over 2/3 of the assessment committee members.</p> <p>Please refer to the <u>Requirements and Reminders for PhD Qualification Exams of the Department of Material Science and Engineering</u> and <u>Guidelines for PhD Qualifying Assessment of the Department of Material Science and Engineering</u>.</p>	<p>PhD students may not apply to take the dissertation defense (oral exam) if they fail to pass the candidacy qualification assessment. Students who fail the assessment may apply to re-take it, but those who fail the second assessment will be ordered to quit school.</p>
<p>10. Dissertation defense (oral exam): Students who pass the PhD candidacy assessment, finish a dissertation draft, and who are enrolled and have selected courses in the semester may apply to take the oral exam. The application must be filed at least 20 days prior to the scheduled date for the oral exam. The minimum passing score for the oral exam is 70.</p>	<p>The oral exam score accounts for 50 % of the graduation score. Students who fail the oral exam may apply to re-take the exam in the following semester or year if it is still within the permitted period of enrollment. Students who fail the second oral exam will be ordered to quit school. The score of the second exam will be 70 regardless of exam result.</p>
<p>11. Others: 1. The students' English proficiency graduation requirements are set by individual advisors. 2. Credits from the "Special Topics" Courses will not be included in the graduation credits.</p>	<p>This regulation is established in accordance to Article 2 of the NCHU regulations on Students' English Proficiency Graduation Requirements, which stipulate that each department or institute may set English proficiency graduation requirements for its graduate students. (approved in the 57th academic affairs meeting on March 26, 2009.)</p>