



## Graduation Requirements – NTU CHEM

Applicable for all NTU CHEM students registered before September 2018

University	National Taiwan University
Department	Department of Chemistry
Duration	3-7 years
Minimum Credits	26 credits in total (Excluding Mandarin course or <i>Dissertation/Thesis</i> credits).
Required Courses	<ol style="list-style-type: none"> <li>1. <b>Discussion in Advanced Chemical Biology (I)</b> (4 credits)</li> <li>2. <b>Discussion in Advanced Chemical Biology (II)</b> (3 credits)</li> <li>3. <b>Lab Rotation:</b> register in term 2 of the 1<sup>st</sup> academic year (2 credits)</li> <li>4. <b>Faculty Presentation:</b> required in term 1 of the 1<sup>st</sup> academic year (1 credit)</li> <li>5. <b>Seminar:</b> required for 2 academic years (4 credits in total)</li> <li>6. <b>Colloquium:</b> required for 2 academic years (4 credits in total)</li> <li>7. <b>Other elective course(s)</b> (3 credits)</li> <li>8. <b>Mandarin Class:</b> required for international students or students whose first language is not Mandarin for 1 academic year. No registration required. A certificate will be issued upon passing the course.</li> </ol>
Specialised Courses	<p>At least 12 credits must be in the CBMB field. I.e., take specialised elective course(s) to earn 5 more credits. Related courses taught in English offered by NTU, NTHU, CBMB, and other TIGP programmes are acceptable. The elective course list will be provided by the programme secretary when available.</p> <p>* Recommended course: <i>Experimental Molecular Biophysics</i></p> <p>* Students should consult the CBMB office before taking non-TIGP electives.</p> <p>* The CBMB office has the authority to decide whether a course can be counted towards specialised course credits based on the programme policy.</p>
Regulations & Graduation Requirements	<p><b>Cumulative Exam (CUME)</b></p> <ul style="list-style-type: none"> <li>◆ Students should earn at least <b>2</b> points in the first year and <b>7</b> points in <b>4</b> years.</li> <li>◆ Subjects to choose from: Organic Chemistry, Physical Chemistry, Inorganic Chemistry, Analytical Chemistry, and Chemical Biology</li> </ul> <p><b>Student will be granted Ph.D. candidacy after passing the cumulative exam completing the credit requirements for graduation upon application.</b></p> <p><b>Progress Report Requirement (except the year taking Pre-Oral)</b></p> <p>Students are required to hold an annual dissertation advisory committee meeting starting in the 3rd year of the programme. This report and any additional reports required by advisor(s) should be sent to the CBMB office by <b>31st May</b> every year. The student is responsible for submitting this form or an explanation from the advisor by the deadline. All students are required to submit a self-evaluation form. Students do not need to</p>

	submit a separate progress report during the year they hold a pre-oral evaluation.
<b>Graduation Requirements &amp; Paper Requirements</b>	<p><b>Pre-Oral Exam</b></p> <p>Ph.D. students must have a first- or co-first-author paper based on their dissertation <u>submitted</u> or <u>accepted</u> before the pre-oral exam takes place. On applying for Pre-Oral, students should submit the <b>pre-oral application form</b>, a copy of the <b>academic transcript</b>, a <b>safety training certificate</b>, a <b>language certificate</b>, a copy of the <b>dissertation cover with the advisor's signature</b>, and the <b>proof of article publication/acceptance or submission with signature from the advisor</b> to the CBMB office. The student should at least list his/her registered department and TIGP-CBMB as part of the affiliation in the publication(s).</p> <p>Students should form the exam committee (3+ members) for the Pre-Oral exam and inform the CBMB office at least one week before the scheduled exam of: (1) the exam committee members' names and affiliation, (2) the exam location and date/time. At least one of the committee members must be from NTU CHEM. Students should submit evaluation forms to the CBMB office after the Pre-Oral.</p> <p><b>Oral Exam/Dissertation Defence</b></p> <p>The student can hold the thesis defence <b>6 months</b> after passing the pre-oral exam. Ph.D. students must have a <u>published</u> or <u>accepted</u> first- or co-first-author paper based on their dissertation before the oral exam takes place.</p> <p>On applying for final defence, candidates should submit 1) <b>NTU oral exam application form</b>; 2) <b>dissertation abstract</b> (with advisor's signature on the cover), 3) <b>official transcript</b> and 4) attend the graduates' <b>poster presentation</b>. The public speech notice should be posted <b>3</b> days before the defence.</p> <p>The exam committee should consist of 5-9 professors (assistant professor and above, including dissertation advisor and co-advisor from student's registered university). The committee members will nominate the committee chair (cannot be the dissertation advisor). The committee will grade the candidates based on the dissertation content and oral exam performance. The minimum passing grade out of 100 is 70. However, the student does not pass if more than 1/3 (<math>\geq 2</math> persons) of the examiners give a score lower than 70. Students will have one chance to retake the exam, which must be completed before the end of 7th academic year.</p>
<b>Safety Training</b>	All students should attend safety training courses in accordance with the requirements set by their registered university and Academia Sinica. <b>Please refer to the safety training regulations.</b> Students who fail to provide safety training proof may be unable to graduate.

