

## Graduation Requirement – NTU Department and Graduate Institute of Pharmacology

Effective and applicable for all NTU DGP students registered after September 2018

University	National Taiwan University
Department	Department and Graduate Institute of Pharmacology
Duration	3-7 years
Minimum Credits	23 credits in total (Excluding Mandarin courses or <i>Dissertation/Thesis</i> credits).
Required Courses (18 credits)	<ol style="list-style-type: none"> <li>1. <b>Discussion in Advanced Chemical Biology (I)</b> (4 credits)</li> <li>2. <b>Experimental Molecular Biophysics</b> (3 credits)</li> <li>3. <b>Lab Rotation:</b> register in term2 of the 1<sup>st</sup> academic year (2 credits)</li> <li>4. <b>Faculty Presentation:</b> taken 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>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> <li>8. <b>Ethics Course:</b> Students are required to take and pass the course arranged by the TIGP office before the end of the 1<sup>st</sup> academic year</li> </ol> <p>Students should register <b>Thesis course (PHMCO8999)</b> at the semester if they do not take any courses.</p>
Specialized Elective Courses (5 credits)	<p>At least 5 credits for specialized elective course(s). The elective courses should be on the approved list announced by the CBMB office.</p> <p>CBMB office has the authority to decide whether a course can be counted towards specialized course credits based on the program policy.</p>
Regulations	<p><b>Qualifying Exam: Thesis Proposal Exam</b></p> <ul style="list-style-type: none"> <li>◆ Students must take the thesis proposal exam as the qualifying exam by 31 August (if he/she enrolls in the autumn semester) or 31 February (if he/she enrolls in the spring semester) at the end of 2nd academic year.</li> <li>◆ One make-up exam is permitted if a student fails the first examination.</li> <li>◆ Students must pass the thesis exam in order to continue in the program.</li> </ul> <p><i>Students will be granted Ph.D. candidacy after passing the qualifying exam and all the required courses upon application.</i></p> <p><b>Annual Progress Report Requirement</b></p> <p>Students are required to hold an annual dissertation advisory committee meeting starting in the 3rd year of the program. This report and any additional reports required by the advisor(s) should be sent to the CBMB office by <b>31st May</b> every year until graduation. 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 from the 4th year should submit the student</p>

	<p>assessment document as well.</p> <p>Students do not need to submit an annual progress report during the year they hold a pre-oral exam or the final defense, but the exemption is required.</p>
<b>Regulations</b>	<p><b>Publication Requirements</b></p> <p>In order to graduate, the student must have two first author articles (or one first and one co-first articles) based on his or her dissertation research published or accepted by SCI academic journals ranked in the top 50% in the last five years. The student's advisor should be the corresponding author in at least one of the papers, and as a co-author in the other paper. The student should at least list his/her registered department and TIGP-CBMB as part of the affiliation in the publication(s).</p> <ul style="list-style-type: none"> <li>◆ If the journal is not within the top 50%, two papers only earn credit as one. A patent may be counted as one paper. Students should provide information for evaluation, such as a discription of the patent with the name of the advisor listed and how the student contributed to the work for evaluation. The patent here refers to recognized patent or patent applications registered in the U.S. or Patent Cooperation Treaty.</li> <li>◆ If the student has an article published in an SCI journal with an Impact Factor of 10 or higher in the last 5 years, and his or her advisor is the corresponding author to the article, the student is then eligible to apply for final defense.</li> <li>◆ If the student has an article published in an SCI journal with an Impact Factor of 8 or higher in the last 5 years, which the journal is in the top 10 % of the field. And his or her advisor is the corresponding author to the article, the student is then eligible to apply for final defense.</li> </ul> <p><b>Oral Exam/ Dissertation Defence</b></p> <p>Students can schedule their public speech and dissertation defense after receiving approval from their thesis advisor. Students should submit following documents to the CBMB office before the announced deadline by the program office.</p> <ol style="list-style-type: none"> <li>1. CBMB graduation application form</li> <li>2. NTU oral exam application form</li> <li>3. Ph.D. candidate certificate</li> <li>4. Review Form for DGP Advisory Committee (論文諮議委員會審查表)</li> <li>5. Academic Achievement Record for Graduate Students(畢業生成績審核表)</li> <li>6. Publication (full article &amp; SCI): 3 copies for DGP advisory committee</li> </ol> <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 7<sup>th</sup> academic year.</p>
<b>English Language Requirements</b>	<p>Students <b>must</b> provide one of the following test results to fulfill the English requirements.</p> <ul style="list-style-type: none"> <li>◆ <b>TOEFL:</b> PBT – 550, CBT – 213, iBT – 79</li> <li>◆ <b>ELTS:</b> 6.0</li> <li>◆ <b>GEPT:</b> high-intermediate level.</li> </ul>

<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.
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