

## TIGP - CBMB

# Graduation Requirement – NTHU College of Life Sciences and Medicine

Effective and applicable for all NTHU CLSM students registered after September 2020

<b>University</b>	<b>National Tsing Hua University</b>
<b>Department</b>	<b>College of Life Sciences and Medicine</b>
<b>Duration</b>	3-7 years
<b>Minimum Credits</b>	<b>23 credits in total / 30 credits in total for BSc students</b> (Excluding Mandarin courses or <i>Dissertation/Thesis</i> credits).
<b>Required Courses (18 credits)</b>	<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>: required in term 1 of the 1<sup>st</sup> academic year (1 credit)</li> <li>5. <b>Seminar</b>: required for 4 semesters (4 credits in total)</li> <li>6. <b>Colloquium</b>: required for 4 semesters (4 credits)/6 semesters for BSc students (6 credits)</li> <li>7. <b>Ethics Course</b>: required for all <u>PhD students enrolled in and after 2015</u> and the course has to be taken and passed before the end of the 1<sup>st</sup> academic year</li> <li>8. <b>Mandarin Class</b>: required for international students or students whose first language is not Mandarin for 1 academic year. (6 credits before 2019/0 credit after 2019 in total but not counted towards 23/30 credits)</li> </ol>
<b>Elective Specialized Courses (5 credits)</b>	<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>
<b>Regulations</b>	<p><b>Qualifying Examination Regulation (MB Track)</b></p> <ul style="list-style-type: none"> <li>♦ The Qualifying Exam (MB Track) includes a proposal evaluation and an oral exam.</li> <li>♦ The application should be submitted by <b>30 November</b> (if he/she enrolls in the autumn semester) or <b>30 May</b> (if he/she enrolls in the spring semester) in the 3rd semester after enrollment.</li> <li>♦ The full proposal should be submitted by <b>31 January</b> (if he/she enrolls in the autumn semester) or <b>31 July</b> (if he/she enrolls in the spring semester) in the 3rd semester after enrollment.</li> <li>♦ Students must take the oral exam by <b>31 March</b> (if he/she enrolls in the autumn semester) or <b>31 September</b> (if he/she enrolls in the spring semester) in the 2nd academic year.</li> <li>♦ One make-up exam is permitted if the student fails the first examination.</li> <li>♦ Students must pass the qualifying exam by the end of the 2nd academic year.</li> </ul> <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</p>

	<p>students are required to submit a self-evaluation form. Students from the 4th year should submit the student 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>Oral Exam/Dissertation Defence</b></p> <p>Students can take the oral exam after passing the qualifying exam. A public speech will take place after all degree examination applications have been approved. Submit the degree examination application with the items listed below to the CBMB Office before completing the final defense application on the NTHU system. The application should be submitted at least one month before the exam date.</p> <p>1) Official Academic Transcript; 2) Publication(s); 3) English Language Proficiency Certificate; 4) Report for Thesis Similarity (Turnitin Report); 5) CBMB Graduation Application Form; 6) NTHU Application Form for Doctoral Degree Exam (download from NTHU system); 7) NTHU Dissertation Advisor Approval Form (download from NTHU system)</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 the 7<sup>th</sup> academic year.</p>
<b>Other Graduation Requirements</b>	<p><b>Minimum Paper Requirements</b></p> <p>Students must publish at least one paper in an internationally recognized academic journal with an established evaluation system. The student must be the first author, and the supervisor must serve as the corresponding author. The student is required to list both their registered department and TIGP-CBMB as part of their affiliation in the publication(s). Papers with co-first authorship may be considered, subject to approval from the program office.</p> <p><b>English Requirements</b></p> <p>Students <b>must</b> provide one of the following test results, a valid English waiver or take recommended English courses (6 credits) if students cannot pass any of the English proficiency exams listed below TWICE to fulfill the English requirement.</p> <ul style="list-style-type: none"> <li>◆ <b>TOEFL:</b> PBT – 550, CBT – 213, iBT – 79. <b>IELTS:</b> 6.0. <b>GEPT:</b> high-intermediate level, <b>TOEIC</b> 750</li> <li>◆ Recommended Courses: (a) Technical English Writing, (b) Training in English Speaking (I and II), (c) Listening and Writing, (d) Listening and Speaking, (e) Advanced English, (f) any course of a similar level as those of (a) to (e)</li> <li>◆ Valid English Waiver</li> </ul>
<b>Safety Training</b>	<p>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.</p>

