

Graduation Requirement – NTU CHEM

Effective and applicable for all NTU CHEM students registered after 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 (18 credits)	1. Discussion in Advanced Chemical Biology (I) (4 credits) 2. Discussion in Advanced Chemical Biology (II) (3 credits) 3. Lab Rotation: register in term 2 of the 1st academic year (2 credits) 4. Faculty Presentation: required in term 1 of the 1st academic year (1 credit) 5. Seminar: required for 2 academic years (4 credits in total) 6. Colloquium: required for 2 academic years (4 credits in total) 7. Mandarin Class: 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. 8. Ethics Course: Students are required to take and pass the course arranged by the TIGP office before the end of the 1st academic year.
Specialized Courses (8 units)	At least 5 credits for specialized elective course(s). NTU-CHEM students should take the elective course on the NTU-CHEM form R222-1. If students would like to take other courses whose Curriculum Number is not "CHEM" or not on the list, please confirm with the program office. Students should apply if the elective course is not on the approved list. ♦ Recommended course: Experimental Molecular Biophysics ♦ Students should consult the CBMB office before taking the electives not on the list. ♦ CBMB office has the authority to decide whether a course can be counted towards specialized course credits based on the program policy.
Regulations & Graduation Requirements	Qualifying Exam: Thesis Proposal Exam ♦ Students must take the thesis proposal exam as a qualifying exam by 31 August (if he/she enrolls in the autumn semester) or 31 February (if he/she enrolls in spring semester) at the end of the 2nd academic year. ♦ One make-up exam is permitted if a student fails the first examination. ♦ Students must pass the thesis exam in order to continue in the program. Students will be granted Ph.D. candidacy after passing the qualifying exam and all the required courses upon application. Progress Report Requirement 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 31st May 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 assessment document as well. 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. Pre-Oral Exam 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. The student should also list his/her registered department and TIGP-CBMB as part of the affiliation in the publication(s). On applying for Pre-Oral, students should submit the pre-oral application form to the CBMB office. The application should be submitted at least two weeks before the pre-oral exam. 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 exam. Oral Exam/Dissertation Defence The student can hold the thesis defense 6 months 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. On applying for the final defense, candidates should submit 1) NTU oral exam application form; 2) CBMB graduation application form 3) NTU CHEM self-evaluation form 4) a dissertation abstract (word file via email), 5) dissertation cover with the advisor's signature 6) official transcript 7) publication with the advisor's signature 8) safety training certificate 9) attend the graduates' poster presentation arranged by NTU CHEM. 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 (≥ 2 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 7th academic year.
Safety Training	Students should take the training arranged by NTU CHEM or ENVIRONMENTAL PROTECTION & OCCUPATIONAL SAFETY & HEALTH CENTER. Please make sure to use F801 NTU Dept. of Chemistry EHS Training Record Form as the certificate. Seniors students do not have to retake the training before 2021, but should fulfill the requirements of the department from 2022. Reference: https://www.ch.ntu.edu.tw/en/esh.html