## International Doctoral Program in Interdisciplinary Innovative Life Science and Technology
## Graduation Requirements for Doctoral Students Enrolled after 2025

<table>
<tr><th>Items</th><th>Notes</th></tr>
<tr><td>I. Years of Enrollment:<br>1. Minimum years of enrollment: 2 years<br>2. Maximum years of enrollment: 7 years (excluding 2 years of suspension)</td><td>Part-time students may prolong years of enrollment for 1 more year.</td></tr>
<tr><td>II. Minimum credits for graduation: 30 credits (physical education and citizen national defense education are not included), including:<br>1. Courses:<br>minimum of required credits: 6 ;<br>minimum of elective credits: 12 .<br>2. Dissertation: 12 credits</td><td>Students are considered to have passed both academic and conduct assessment with the grade of 70 or above. Students who fail in conduct will be dismissed.<br>The average of academic grades comprises 50 % of the overall graduation grades.<br>*Only English-taught courses (including EMI) will be recognized as graduation credits.<br>*Required credits+ Elective credits + Dissertation = minimum credits for graduation</td></tr>
<tr><td>III. Transfer credits: maximum 6 credits</td><td>According to NCHU regulation for credits exemption, students should apply for credits exemption prior to the deadline of course add/drop.</td></tr>
<tr><td>IV. Undergraduate credits from discipline-related courses may be counted as graduation credits.</td><td>According to NCHU regulation, the number of credits students should take is determined by their advisor or the department chairperson. Students who need to take undergraduate courses for research purposes, besides the credits for graduation, may take undergraduate courses with the consent of the instructor. The course may be counted as graduation credits after obtaining the approval form the advisor, and relevant department committee. Nevertheless, the maximum for such undergraduate credits: 6 credits. If graduate students take advanced courses as defined by the NCHU Regulations for Curriculum Planning and Course Opening, a maximum of 12 credits can be counted.</td></tr>
<tr><td>V. Credits from other departments: 12 credits.</td><td>Including inter-university credits.<br>Courses must be taught in English (including EMI) to be accredited.</td></tr>
<tr><td>VI. Core courses and credits: 18 credits
<table>
<tr><th>Core Course Title</th><th>Credits</th></tr>
<tr><td>1. Interdisciplinary Innovative Biotechnology (I)</td><td>1</td></tr>
<tr><td>2. Interdisciplinary Innovative Biotechnology (II)</td><td>1</td></tr>
<tr><td>3. Interdisciplinary Innovative Biotechnology (III)</td><td>2</td></tr>
<tr><td>4. Interdisciplinary Innovative Biotechnology (IV)</td><td>2</td></tr>
<tr><td>5. Bioinformatic Programming</td><td>2</td></tr>
<tr><td>6. Dissertation</td><td>12</td></tr>
</table></td><td>1. Students who fail the core courses should retake core courses.<br>2. Students who don't complete core courses cannot graduate.<br>3. According to the graduation requirements, two of the following three core courses must be selected: Interdisciplinary Innovative Biotechnology (III), Interdisciplinary Innovative Biotechnology (IV), Bioinformatics Programming.</td></tr>
<tr><td>VII. Prerequisite Courses (not included in graduation credits): credits<br>1.<br>2.<br>3.</td><td></td></tr>
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| VIII.Graduate Student Thesis Advisor:<br>After enrolling in a doctoral program, students should have thesis advisor by the end of the first academic year.<br>IV. Qualification Assessment for Doctoral Candidates:<br>Students who have completed the minimum years of study, completed the required core courses and credits, and completed the outline and basic content of their dissertation proposal may submit a doctoral candidate qualification assessment, and must be approved by more than two-thirds of the members of the assessment committee.<br>X Oral Defense:<br>1. Students must get the certification of "Education on Academic and Research Ethics" course before the application of the oral defense.<br>2. Students who complete minimum of enrollment, fulfill graduation credits, and complete the draft of thesis should apply for oral defense at least 20 days prior to the oral defense. The passing grade for defense is 70.<br>3. Oral defense and thesis writing are all conducted in English. | Those who fail the qualification assessment for doctoral candidates are not allowed to take the oral defense. Those who still fail the examination after re-examination will be dropped from university.<br><br>Oral defense comprises 50% of graduation grade.<br>Students must learn "Education on Academic and Research Ethics" course and take the exam to obtain the certificate form the Center for Taiwan Academic Research Ethics Education website. Each department may additionally require the completion of professional academic research ethics education workshops, which will be implemented according to the regulations established by each department.<br>Thesis should be written in English and oral defense should be carried out in English. Students who fail oral defense within enrollment should retake it next semester or year. If students who retake oral defense fail again, their study will be terminated. The grade of those who pass retaking the oral defense is uniformly calculated at 70. |
| XI. Others:<br>1. The advisor should be the corresponding author of the patent or paper publication **and** meet any one of the following standards:<br>(1) Published in the top 40% of SCI rankings in the field in the name of the International Doctoral Program in Interdisciplinary Innovative Life Science and Technology and as the only-first author with impact factor ≧ 2, or impact factor ≧ 3.<br>(2) Publish 1 SCI paper in the name of the International Doctoral Program in Interdisciplinary Innovative Life Science and Technology and as the co-first author, ranking in the top 25% of SCI in the field or impact factor ≧5.<br>(3) Publish more than 2 SCI and EI papers in the name of the International Doctoral Program in Interdisciplinary Innovative Life Science and Technology and as the co-first author.<br>(4) Graduate students who have studied for six academic years and published at least 1 SCI paper as the first author in the name of the International Doctoral Degree Program in Cross-Domain Innovative Biotechnology, with no impact factor limit.<br>(5) Graduate students apply to obtain any national invention patent in the name of National Chung Hsing University and together with their supervisor.<br>2. Seminar participation: Participate in at least one international academic seminar and submit research results.<br>3. English proficiency requirements:<br>(1) GEPT High Intermediate (passed 2nd stage) (including and above)<br>(2) TOEFL i-BT 72 (including and above), CBT197 (including and above), ITP 543 (including and above)<br>(3) TOEIC 785 (including and above)<br>(4) IELTS 5.5 (including and above)<br>(5) Cambridge Main Suite FCE (including and above)<br>English proficiency tests of the same level (CEFR B2) from other institutions approved by the Committee are also acceptable. | In accordance with the provisions of Article 2 of the "Measures for the Assessment of the English Proficiency Graduation Standards of National Chung Hsing University Students", the program is authorized to set its own graduation standards for graduate students' English proficiency. (passed at the 57th Office of Academic Affairs Meeting on March 26, 1998) |

September 18, 2024-passed at the Affairs Meeting

January 03, 2025- amended and passed at the AffairsMeeting

教授兼生命科學院院長 黃介辰